

Cortellis 药物早期研发情报数据库

让靶标相关的药物研发信息一览无余

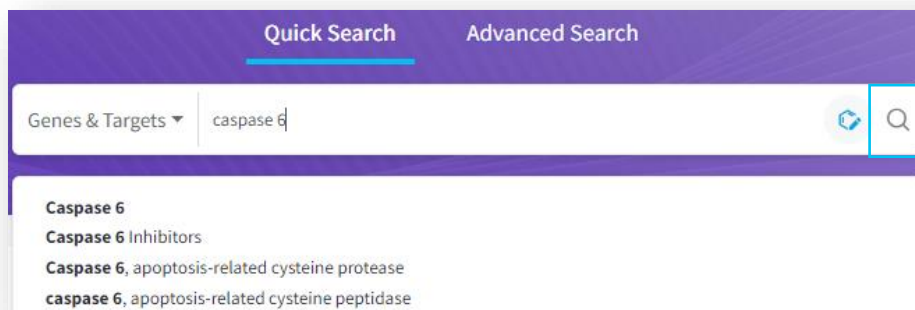
Cortellis 药物早期研发情报数据库使您能够轻松掌握相关靶标药物研究的最新进展。

本指南为您讲解如何识别您感兴趣的靶标，并全面了解与该靶标相关的疾病、基因突变和治疗方法。

场景： 您想要了解有关 Caspase 6 的所有信息

请使用“快速检索”：

在“快速检索”框中键入 **caspase 6**，然后从系统推荐的检索词列表中选择“Caspase 6”。您也可以不选择列表中的检索词，直接键入“Caspase 6”并加双引号。打开全部下的下拉菜单，然后指定**基因和靶标**，将检索范围限定在该知识领域。请点击检索符号。

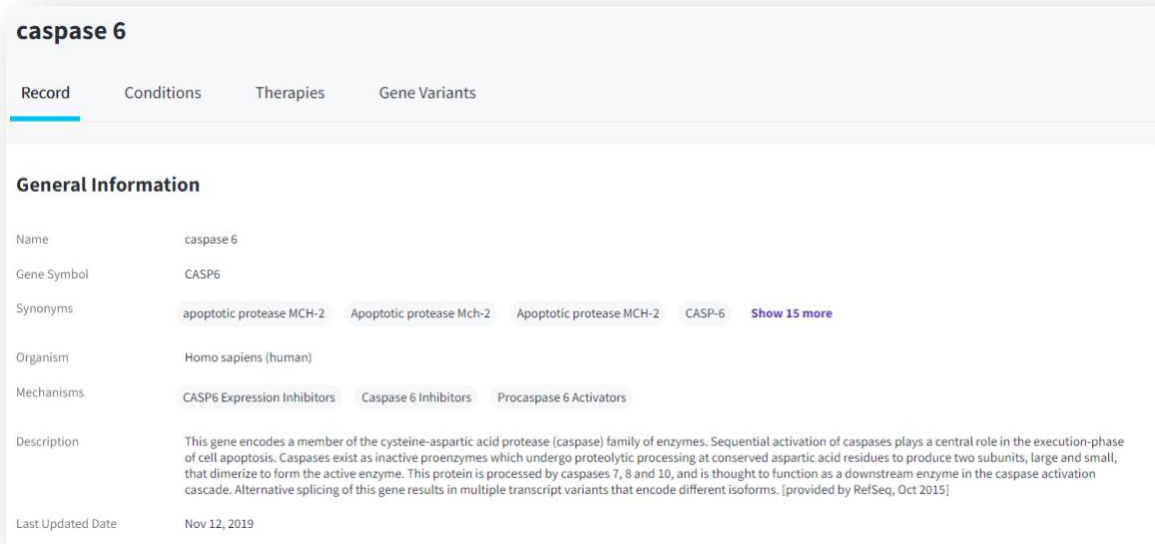


检索结果页面将显示与 **Caspase 6** 相关的基因和靶标的列表，按相关性高低排序。请点击第一个名称，打开相关性最高的记录。**提示：** 人类靶标的相关性高于其他种属。

Genes & Targets					
View related info ...					
Apply Filters Sorted by relevance					
Showing 1-10 of 10 Genes & Targets records for "Caspase 6"					
Name	Gene Symbol	Organism	Drugs	Experimental Pharmacology	Experimental Models
caspase 6	CASP6	Homo sapiens (human)	29	108	5
caspase 6	Casp6	Rattus norvegicus (rat)	0	0	0
caspase 6	Casp6	Mus musculus (mouse)	0	0	4
caspase 2	CASP2	Homo sapiens (human)	19	31	0

有关每个靶标的信息分布在页面顶部的各选项卡中。**记录**选项卡提供一般性信息，例如同义词、相关作用机制和说明。向下滚动页面时，您还会发现相关靶标的转录变体和亚型，它们存放在同一记录中。

提示：在 Cortellis 药物早期研发情报数据库中，1 条“基因和靶标”记录等同于 1 条 Entrez 基因记录



caspace 6

Record Conditions Therapies Gene Variants

General Information

Name: caspace 6

Gene Symbol: CASP6

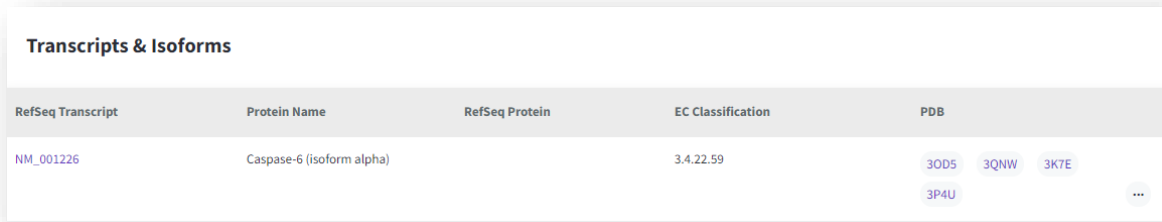
Synonyms: apoptotic protease MCH-2, Apoptotic protease Mch-2, Apoptotic protease MCH-2, CASP-6, [Show 15 more](#)

Organism: Homo sapiens (human)

Mechanisms: CASP6 Expression Inhibitors, Caspace 6 Inhibitors, Procaspase 6 Activators

Description: This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Oct 2015]

Last Updated Date: Nov 12, 2019

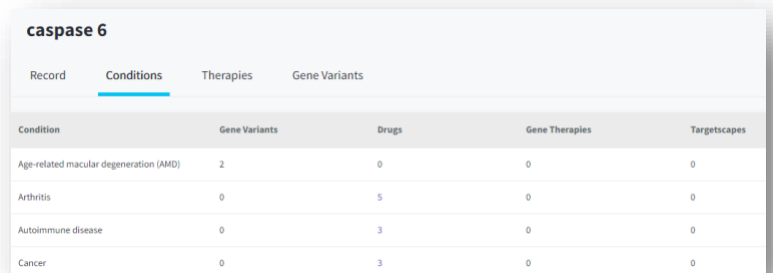


Transcripts & Isoforms

RefSeq Transcript	Protein Name	RefSeq Protein	EC Classification	PDB
NM_001226	Caspase-6 (isoform alpha)		3.4.22.59	3OD5 3QNW 3K7E 3P4U ...

请导航至**疾病**选项卡，以全面了解与该靶标相关的疾病及其原因：

- 因为基因变异与疾病间的关联会映射到靶标中
- 某种疾病的特定治疗药物与靶标间存在相互作用
- 因为编码靶标的基因本身就是某种疾病的治疗药物
- 因为生物信息学提示该靶标参与了某种疾病的发病机制（参见靶标全景图）



caspace 6

Record **Conditions** Therapies Gene Variants

Condition	Gene Variants	Drugs	Gene Therapies	Targetscapes
Age-related macular degeneration (AMD)	2	0	0	0
Arthritis	0	5	0	0
Autoimmune disease	0	3	0	0
Cancer	0	3	0	0

您可以使用此选项卡中的信息识别出尚无相关治疗药物或基因疗法但与某种疾病存在一定关联的潜在靶点。

治疗选项卡可帮助您快速导航至与您指定的靶标发生相互作用的药物列表（通过**作用机制**）或该靶标为治疗药物成分之一的生物制剂列表（通过**基因疗法**）。

最后，**基因变异体**选项卡提供了有关该靶标已知的突变、相关疾病以及突变影响的详细信息。

caspase 6

Record Conditions **Therapies** Gene Variants

Mechanisms of Action

Mechanism of Action	Type	Drugs
CASP6 Expression Inhibitors	Gene	1
Caspase 6 Inhibitors	Protein	26
Procaspase 6 Activators	Protein	1

Gene Therapies

Drug Name	RefSeq Transcript	Highest Phase
801631	NM_001226	Preclinical

caspase 6

Record Conditions Therapies **Gene Variants** View related info

Condition	Variation Type	Variation Name	RefSeq Transcript	Association Variant	Effect	Patents	Literature
Age-related macular degeneration (AMD)	Polymorphism/mutation	rs5030535 O	NM_001226	G Allele	Decreased risk	0	1
Age-related macular degeneration (AMD)	Polymorphism/mutation	rs768063 O	NM_001226	G Allele	Increased risk	0	1
Cancer, head and neck (squamous cell carcinoma)	Polymorphism/mutation	rs1042891 O	NM_001226	C Allele	No effect	0	1
Lymphoma, diffuse large B-cell	Polymorphism/mutation	rs1042891	NM_001226	T Allele	No effect on response (R-CHOP)	0	1
Lymphoma, diffuse large B-cell	Polymorphism/mutation	rs2301717 O	NM_001226	T Allele	No effect on response (R-CHOP)	0	1
Palsy, progressive supranuclear	Epigenetic change	Methylation	NM_001226		Causative	0	1

如需获取更多信息，请联系 [LS 产品支持部](#) 的客服人员