

Recombinant Mouse CHID1 Protein (20-393 aa), His-tagged

Cat. No. CHID1-2791M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CHID1 Protein (20-393 aa) is produced by Baculovirus expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Tags & Cell Markers. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Insect Cells
ProteinLength	20-393 aa
Description	Saccharide- and LPS-binding protein with possible roles in pathogen sensing and endotoxin neutralization. Ligand-binding specificity relates to the length of the oligosaccharides, with preference for chitotetraose (in vitro).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.7 kDa
AA Sequence	T L S K S D A K K A A S K M L L E K T Q F S D K P V Q D R G L V V T D I K A E D V V L E H R S Y C S S R A R E R N F A G E V L G Y V T P W N S H G Y D V A K V F G S K F T Q I S P V W L Q L K R R G R E M F E I T G L H D V D Q G W M R A V K K H A K G V R I V P R L L F E D W T Y D D F R N V L D S E D E I E E L S K T V A Q V A K N Q H F D G F V V E V W S Q L L S Q K H V G L I H M L T H L A E A L H Q A R L L V I L V I P P A V T P G T D Q L G M F T H K E F E Q L A P I L D G F S L M T Y D Y S T S Q Q P G P N A P L S W I R A C V Q V L D P K S Q W R S K I L L G L N F Y G M D Y A A S K D A R E P V I G A R Y V Q T L K D H R P R V V W D S Q A A E H F F E Y K K N R G G R H V V F Y P T L K S L Q V R L E L A R E L G V G V S I W E L G Q G L D Y F Y D L L

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

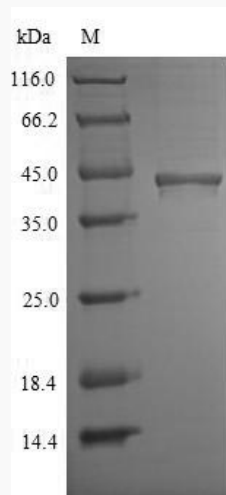
GENE INFORMATION

Gene Name	Chid1 chitinase domain containing 1 [Mus musculus]
Official Symbol	CHID1
Synonyms	CHID1; chitinase domain containing 1; chitinase domain-containing protein 1; AI841869; 3110023E09Rik;
Gene ID	68038
mRNA Refseq	NM_001142681
Protein Refseq	NP_001136153
UniProt ID	Q922Q9

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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