

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

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TLSKSDAKKAASKMLLEKTQFSDKPVQDRGLVVTDIKAEDVVLEHRSYCSSRARER
NFAGEVLGYVTPWNSHGVDVAKVFGSKFTQISPVWLQLKRRGREMFEITGLHDVDQ
GWMRAVKKHAKGVRIVPRLLFEDWTYDDFRNVLDSEDEIEELSKTVAQVAKNQHFD
GFVVEVWSQLLSQKHVGLIHMLTHLAEALHQARLLVILVIPPAVTPGTDQLGMFTHKE
FEQLAPILDGFSLMTYDYSTSQQPGPNAPLSWIRACVQVLDPKSQWRSKILLGLNFY
GMDYAASKDAREPVIGARYVQTLKDHRRPRVWDSQAAEHFFEYKKNRGGRRHVVFY
PTLKSLQVRLELARELGVGVSIVELGQGLDYFYDLL
    
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

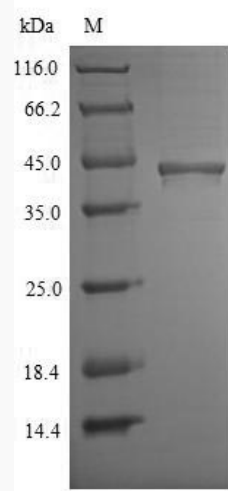
GENE INFORMATION

Gene Name	Chid1 chitinase domain containing 1 [<i>Mus musculus</i>]
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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