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

Cat. No. CHID1-1978H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHID1 Protein (20-393 aa) is produced by Yeast 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	Human
Source	Yeast
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	44.8 kDa
AA Sequence	TLSKSDAKKAASKTLLEKSQFSDKPVQDRGLVVTDLKAESVVLEHRSYCSAKARDR HFAGDVLGYVTPWNSHGYDVTKVFGSKFTQISPVWLQLKRRGREMFEVTGLHDVD QGWMRAVRKHAKGLHIVPRLLFEDWTYDDFRNVLDSEDEIEELSKTVVQVAKNQHF DGFVVEVWNQLLSQKRVGLIHMLTHLAEALHQARLLALLVIPPAITPGTDQLGMFTHK EFEQLAPVLDGFSLMTYDYSTAHQPGPNAPLSWVRACVQVLDPKSKWRSKILLGLN FYGMDYATSKDAREPVVGARYIQTLKDHRPRMVWDSQASEHFFEYKKSRSGRHVV FYPTLKSLQVRLELARELGVGVSIWELGQGLDYFYDLL

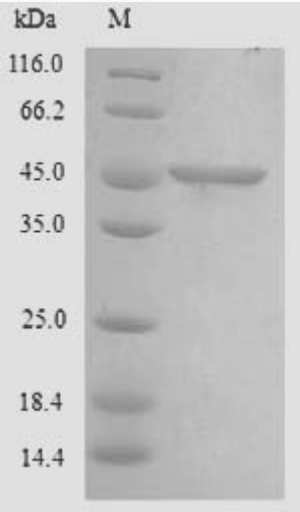
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	CHID1 chitinase domain containing 1 [Homo sapiens]
Official Symbol	CHID1
Synonyms	CHID1; FLJ42707; MGC3234; GL008; SI-CLP;
Gene ID	66005
mRNA Refseq	NM_001142674
Protein Refseq	NP_001136146
UniProt ID	Q9BWS9

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

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