



Recombinant Human Acidic mammalian chitinase (CHIA)

Product Code	CSB-MP874858HU
Abbreviation	CHIA
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BZP6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MVSTPENRQTFITSVIKFLRQYEFDGLDFDWEYPGSRGSPQDKHLFTVLVQE MREAFEQEAKQINKPRLMVTAAVAAGISNIQSGYEIPQLSQYLDYIHVMTYDLH GSWEGYTGENSPLYKYPTDTGSNAYLNVDYVMNYWKDNGAPAEKLVGFPTY GHNFILSNPSNTGIGAPTSAGPAGPYAKESGIWAYYEICTFLKNGATQGWDA PQEVPIYAYQGNVWVGYNISFDIKAQWLKHNKFGGAMVWVIDLDDFTGTFC NQGKFPLISTLKKALGLQSASCTAPAQPIEPITAAPSGSGNGSGSSSSGGSSG GSGFC AVRANGLYPVANNR NAFWHCVNGVTYQQNCQAGLVFDTSCDCCNW A
Source	Mammalian cell
Target Names	CHIA
Protein Names	Recommended name: Acidic mammalian chitinase Short name= AMCase EC= 3.2.1.14 Alternative name(s): Lung-specific protein TSA1902
Expression Region	1-368
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length of Isoform 2
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.