

Recombinant Full Length Human CHIA Protein, GST-tagged

Cat. No. CHIA-3197HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHIA full-length ORF (NP_068569.2, 1 a.a. - 368 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	368 amino acids
Description	The protein encoded by this gene degrades chitin, which is found in the cell wall of most fungi as well as in arthropods and some nematodes. The encoded protein can also stimulate interleukin 13 expression, and variations in this gene can lead to asthma susceptibility. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
Molecular Mass	66.5 kDa
AA Sequence	MVSTPENRQTFITSVIKFLRQYEFDGLDFDWEYPGSRGSPQDKHLFTVLVQEMRE AFEQEAKQINKPRLMVTAAVAAGISNIQSGYEIPQLSQYLDYIHVMTYDLHGSGWEGY TGENSPLYKYPTDTGSNAYLNVDYVMNYWKDNGAPAEKLIVGFPTYGHNFILSNPS NTGIGAPTSGAGPAGPYAKESGIWAYYEICTFLKNGATQGWDAPQEVPIYAYQGNV WVGYDNIKSFDIKAQWLKHNKFGGAMVWAILDDFTGTFCNQGKFPLISTLKKALGL QSASCTAPAQPIEPITAAPSGSGNGSGSSSSSGSGSGGFCAVRANGLYPVANNR NAFWHCVNGVTYQQNCQAGLVFDTSCDCCNWA

 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

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CHIA chitinase, acidic [Homo sapiens]
Official Symbol	CHIA
Synonyms	CHIA; chitinase, acidic; acidic mammalian chitinase; AMCase; CHIT2; TSA1902; lung-specific protein TSA1902; AMCASE; DKFZp313J1722;
Gene ID	27159
mRNA Refseq	NM_001040623
Protein Refseq	NP_001035713
MIM	606080
UniProt ID	Q9BZP6