

Recombinant Human CHIA Protein, His-tagged

Cat. No. CHIA-154H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CHIA, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.

Species Human

Source E.coli

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.

Form 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.

Molecular Mass 40 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name CHIA chitinase, acidic [Homo sapiens]

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Official Symbol	CHIA
Synonyms	CHIA; chitinase, acidic; acidic mammalian chitinase; AMCCase; CHIT2; TSA1902; lung-specific protein TSA1902; AMCASE; DKFZp313J1722;
Gene ID	27159
mRNA Refseq	NM_021797
Protein Refseq	NP_068569
MIM	606080
UniProt ID	Q9BZP6

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