



Human CHIA peptide (DAG-P1447)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CHIA chitinase, acidic [Homo sapiens (human)]
Official Symbol	CHIA
Synonyms	CHIA; chitinase, acidic; CHIT2; AMCASE; TSA1902; acidic mammalian chitinase; lung-specific protein TSA1902;
Entrez Gene ID	27159
mRNA Refseq	NM_001040623.2
Protein Refseq	NP_001035713.1

UniProt ID	A8K3T7
Chromosome Location	1p13.2
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem;
Function	carbohydrate binding; chitin binding; chitinase activity; chitinase activity; kinase binding; lysozyme activity;