

Product datasheet for **TP721228M**

Leukotriene A4 hydrolase (LTA4H) (NM_000895) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human leukotriene A4 hydrolase (LTA4H)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Met1-Asp611
Tag:	C-His
Predicted MW:	70.3 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_000886
Locus ID:	4048
UniProt ID:	P09960 , A0A140VK27
RefSeq Size:	2214
Cytogenetics:	12q23.1
RefSeq ORF:	1833
Summary:	The protein encoded by this gene is an enzyme that contains both hydrolase and aminopeptidase activities. The hydrolase activity is used in the final step of the biosynthesis of leukotriene B4, a proinflammatory mediator. The aminopeptidase activity has been shown to degrade proline-glycine-proline (PGP), a neutrophil chemoattractant and biomarker for chronic obstructive pulmonary disease (COPD). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]
Protein Families:	Druggable Genome, Protease



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Protein Pathways: Arachidonic acid metabolism, Metabolic pathways