

Product datasheet for **AR51891PU-S**

LTA4H (1-611, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	LTA4H (1-611, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPDIVDT CSLASPASVC RTKHLHLRCS VDFTRRTLGT TAALTVQSQE DNLRLSLVLDT KDLTIEKVVI NGQEVKYALG ERQSYKGSMP EISLPIALSK NQEIVIEISF ETSPKSSALQ WLTPEQTSGK EHPYLFSQCQ AIHCRAILPC QDTPSVKLT TAESVVPKEL VALMSAIRDG ETPDPEDPSR KIYKFIQKVP IPCYLIALV GALESRQIGP RTLWVSEKEQ VEKSAYEFSE TESMLKIAED LGGPYVWGQY DLLVLPPSFP YGGMENPCLT FVTPTLLAGD KSLSNVIAHE ISHSWTGNLV TNKTWDHFWL NEGHTVYLER HICGRLFG EK FRHFNALGGW GELQNSVKTF GETHPFTKLV VDLTDIDPDV AYSSVPYEKG FALLFYLEQL LGGPEIFLGF LKAYVEKFSY KSITDDDWKD FLYSYFKDKV DVLNQVDWNA WLYSPGLPPI KPNDYDMLTN ACIALSQRWI TAKEDDLNSF NATDLKDLSS HQLNEFLAQT LQRAPLPLGH IKRMQEVYNF NAINNSEIRF RWLRLCIQSK WEDAIPALK MATEQGRMKF TRPLFKDLAA FDKSHDQAVR TYQEHKASMH PVTAMLVGKD LKVD
Tag:	His-tag
Predicted MW:	71.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LTA4H, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000886



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Locus ID:	4048
UniProt ID:	P09960
Cytogenetics:	12q23.1
Synonyms:	Leukotriene A-4 hydrolase, LTA4, LTA-4 hydrolase
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
Protein Pathways:	Arachidonic acid metabolism, Metabolic pathways

Product images: