

Product datasheet for AR51891PU-N

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

OriGene Technologies, Inc.

EU: info-de@origene.com CN: techsupport@origene.cn

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

Product data:

Product Type: Recombinant Proteins

Description: LTA4H (1-611, His-tag) human recombinant protein, 0.1 mg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MGSMPEIVDT CSLASPASVC RTKHLHLRCS VDFTRRTLTG or AA Sequence:

TAALTVQSQE DNLRSLVLDT KDLTIEKVVI NGQEVKYALG ERQSYKGSPM EISLPIALSK NQEIVIEISF

ETSPKSSALQ WLTPEQTSGK EHPYLFSQCQ AIHCRAILPC QDTPSVKLTY TAEVSVPKEL

VALMSAIRDG ETPDPEDPSR KIYKFIQKVP IPCYLIALVV GALESRQIGP RTLVWSEKEQ VEKSAYEFSE

TESMLKIAED LGGPYVWGQY DLLVLPPSFP YGGMENPCLT FVTPTLLAGD KSLSNVIAHE ISHSWTGNLV TNKTWDHFWL NEGHTVYLER HICGRLFGEK FRHFNALGGW GELQNSVKTF

GETHPFTKLV VDLTDIDPDV AYSSVPYEKG FALLFYLEQL LGGPEIFLGF LKAYVEKFSY KSITTDDWKD

FLYSYFKDKV DVLNQVDWNA WLYSPGLPPI KPNYDMTLTN ACIALSQRWI TAKEDDLNSF NATDLKDLSS HQLNEFLAQT LQRAPLPLGH IKRMQEVYNF NAINNSEIRF RWLRLCIQSK

WEDAIPLALK 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

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.

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Storage:

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

NP 000886 RefSeq:



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Locus ID: 4048

UniProt ID: <u>P09960</u>, <u>A0A140VK27</u>

Cytogenetics: 12q23.1

Summary: The protein encoded by this gene is an enzyme that contains both hydrolase and

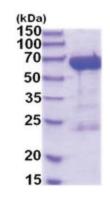
aminopeptidase activities. The hydrolase activity is used in the final step of the biosynthesis of leukotriene B4, a proinflammatory mediator. The aminopeptidase activity has been shown to degrade proline-glycine-proline (PGP), a neutrophil chemoattractant and biomarker for chronic obstructive pulmonary 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:



15% SDS-PAGE (3ug)