

Product datasheet for **TP509403**

Lta4h (NM_008517) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse leukotriene A4 hydrolase (Lta4h), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209403 protein sequence Red =Cloning site Green =Tags(s)

MPEVADTCSLASPASVCRTQHLHLRCSVDFARRTLTGTAALTVQSQEENLRSLTLDTKDLTIEKVVINGQ
EVKYTLGESQGYKGSPEISLPIALSKNQEIVIEISFETSPKSSALQWLTPEQTSQKQHPYLFSCQAIH
CRAILPCQDTPSVKLTAEVSVPELVALMSAIRDGEAPDPEDPSRKIYRFNRVPIPCYLIALVWGAL
ESRQIGPRTLWVSEKEQVEKSANEFSETESMLKIAEDLGGPYVWQYDILLVPPSPFYGGMENPCLTFVT
PTLLAGDKSLSNVIAHEISHSWTGNLVTNKTWDHFWLNEGHTVYLERHICGRFLGKFRHFHALGGWGEL
QNTIKTFGESHPFTKLVDLKDVPDVAISSIPYEKGFALLFYLEQLLGGPEVFLGFLKAYVKKFSYQSV
TTDDWKSFLYSHFKDKVDLLNQVDWNAWLYAPGLPPVKNYDVTLTNACIALSQRWVTAKEEDLSSFSIA
DLKDLSSHQLNEFLAQVLQKAPLPLGHIKRMQEVYFNAINNSEIRFRWLRLCIQSKWEEAIPLALKMAT
EQGRMKFTRPLFKDLAAFDKSHDQAVHTYQEHKASMPVTAMLVGRDLKVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	69 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_032543](#)

Locus ID: 16993

UniProt ID: [P24527](#)

RefSeq Size: 2066

Cytogenetics: 10 C2

RefSeq ORF: 1836

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). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]