

Product Data Sheet

Recombinant Human LTA4H Protein

Catalog #	Source	Reactivity	Applications
CRP1922	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human LTA4H Protein is produced by mammalian expression system and the target gene encoding Met1-Asp611 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM MES, 2mM EDTA, 20% Glycerol, pH 5.0.		
Gene Symbol	LTA4H		
Alternative Names	LTA4; Leukotriene A-4 hydrolase; LTA-4 hydrolase; Leukotriene A(4 hydrolase		
Entrez Gene	4048 (Human)		
SwissProt	P09960 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MPEIVDTCSL ASPASVCR TK HLHLRCSVDF TRRTLGTAA LTVQSQEDNL RSLVLDTKDL TIEKV VINGQ EVKYALGERQ SYKGSPMEIS LPIALSKNQE IVIEISFETS PKSSALQWLT PEQTSGKEHP YLFSQCQAIH CRAILPCQDT PSVKLTYTAE VSVPKELVAL MSAIRDGETP DPEDPSRKIY KFIQKVPIPC YLIALVVGAL ESRQIGPRTL VWSEKEQVEK SAYEFSETES MLKIAEDLGG PYVWGQYDLL VLPPSFPYGG MENPCLTFVT PTLLAGDKSL SNVIAHEISH SWTGNLVTNK TWDHFWLNEG HTVYLERHIC GRLFGEKFRH FNALGGWGEL QNSVKTFGET HPFTKLVDL TDIDPDVAYS SVPYEKG FAL LFYLEQLLGG PEIFLGFLKA YVEKFSYKSI TTDDWKDFLY SYFKDKVDVL NQVDWNAWLY SPGLPPIKPN YDMTLTNACI ALSQRWITAK EDDLNSFNAT DLKDLSSHQL NEFLAQLTQR APLPLGHIKR MQEVYNFNAI NNSEIRFRWL RLCIQSKWED AIPLALKMAT EQGRMKFTRP LFKDLAAFDK SHDQAVRTYQ EHKASMHPVT AMLVGKDLKV DVDHHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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