

Leukotriene A4 Hydrolase Human Recombinant

Item Number	rAP-1194
Synonyms	Leukotriene A-4 hydrolase isoform1, LTA-4 hydrolase, Leukotriene A(4) hydrolase, LTA4.
Description	LTA4H Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 634 amino acids (1-611 a.a) and having a molecular mass of 71.7kDa.LTA4H is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P09960
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPEIVDT CSLASPASVC RTKHLHLRCS VDFTRRTL TG TAALTVQSQE DNLRLSLVLD T KDLTIEKVVI NGQEVKYALG ERQSYKGSPM EISLPIALSK NQEIVIEISF ETSPKSSALQ WLTPEQTSGK EHPYLFSCQ AIHCRAILPC QDTPSVKLT Y TAEVSVPKEL VALMSAIRDG ETPDPEPSR KIYKFIQKVP IPCYLIALVV GALES RQIGP RTL V WSEKEQ VEKSAYEFSE TESMLKIAED LGGPYVWGQY DLLVLPPSFP YGGMENPCLT FVTPTLLAGD KSLSNVIAHE ISHSWTGNLV TNKTWDHFWL NEGHT- VYLER
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	LTA4H protein solution (0.25mg/ml) in Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**