

Recombinant Human LTC4S protein(Met1-Ala150), His-tagged

Cat. No. LTC4S-923H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LTC4S (NP_665874.1) (Met 1-Ala 150) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-150 a.a.
Form	Lyophilized from sterile 50mM Hepes, 0.1% Triton 0.5% DOC, 10% Gly, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human LTC4S consists of 156 amino acids and predicts a molecular mass of 17 kDa as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	LTC4S leukotriene C4 synthase [Homo sapiens]
Official Symbol	LTC4S
Synonyms	LTC4S; leukotriene C4 synthase; MGC33147; LTC4 synthase;
Gene ID	4056
mRNA Refseq	NM_145867
Protein Refseq	NP_665874
MIM	246530
UniProt ID	Q16873

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