Recombinant Mouse Ltc4s Protein, Myc/DDK-tagged

Cat. No. Ltc4s-3863M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length leukotriene C4 synthase (cDNA clone MGC:41203 IMAGE:1348372), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is an enzyme that catalyzes the synthesis of leukotriene C4 by combining leukotriene A4 with reduced glutathione. The encoded protein is found in the outer nuclear membrane and in the peripheral endoplasmic reticulum. Leukotrienes have been implicated as mediators of anaphylaxis and inflammatory conditions such as bronchial asthma in humans. Several transcript variants encoding two different isoforms have been found for this gene.
Molecular Mass	12.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Ltc4s leukotriene C4 synthase [Mus musculus (house mouse)]
Official Symbol	Ltc4s
Synonyms	Ltc4s; leukotriene C4 synthase; leukotriene C4 synthase; LTC4 synthase; glutathione S-transferase LTC4; leukotriene-C(4) synthase; EC 4.4.1.20
Gene ID	17001
mRNA Refseq	NM_008521
Protein Refseq	NP_032547
UniProt ID	Q60860

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