

## Product datasheet for TP500453

### Ltc4s (BC028760) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse leukotriene C4 synthase (cDNA clone MGC:41203 IMAGE:1348372), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200453 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MKDEVALLATVTLVGVLLQAYFSLQVISARRAFHVSPPLTSGPPEFERVFRAQVNCSEYFPLFLATLWVA GIFFHEGAAALCGLFYLFARLRYFQGYARSAQLRWLQMLLPMA
	<b>TR</b> TRPLE <b>Q</b> KLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	12.8 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.
Locus ID:	17001
UniProt ID:	<a href="#">Q60860</a>
RefSeq Size:	503
Cytogenetics:	11 B1.3
RefSeq ORF:	339



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**Summary:**

The protein encoded by this gene is an enzyme that catalyzes the synthesis of leukotriene C<sub>4</sub> by combining leukotriene A<sub>4</sub> 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. [provided by RefSeq, Sep 2015]