Proteoliposomes | Full-Length

CYSLTR1 (Human) Recombinant Protein

Catalog # H00010800-G01 Size 2 ug

Specification

Product Description	Human CYSLTR1 full-length ORF (NP_006630.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MDETGNLTVSSATCHDTIDDFRNQVYSTLYSMISVVGFFGNGFVLYVLIKTYHKKSAFQVYMINLAV ADLLCVCTLPLRVVYYVHKGIWLFGDFLCRLSTYALYVNLYCSIFFMTAMSFFRCIAIVFPVQNINLVT QKKARFVCVGIWIFVILTSSPFLMAKPQKDEKNNTKCFEPPQDNQTKNHVLVLHYVSLFVGFIIPFVI IIVCYTMIILTLLKKSMKKNLSSHKKAIGMIMVVTAAFLVSFMPYHIQRTIHLHFLHNETKPCDSVLRMQ KSVVITLSLAASNCCFDPLLYFFSGGNFRKRLSTFRKHSLSSVTYVPRKKASLPEKGEEICKV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.5
Form	Liquid
Preparation Method	*in vitro* wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CYSLTR1

Entrez GeneID	10800
GeneBank Accession#	NM_006639.2
Protein Accession#	NP_006630.1
Gene Name	CYSLTR1
Gene Alias	CYSLT1, CYSLT1R, CYSLTR, HG55, HMTMF81, MGC46139
Gene Description	cysteinyl leukotriene receptor 1
Omim ID	300201
Gene Ontology	Hyperlink
Gene Summary	The cysteinyl leukotrienes LTC4, LTD4, and LTE4 are important mediators of human bronchial as thma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 recep tors, the protein encoded by this gene and CYSLTR2. This encoded receptor is a member of the superfamily of G protein-coupled receptors. Activation of this receptor by LTD4 results in contracti on and proliferation of smooth muscle, oedema, eosinophil migration and damage to the mucus l ayer in the lung. [provided by RefSeq
Other Designations	LTD4 receptor|OTTHUMP00000023596|cysteinyl leukotriene D4 receptor

Pathway

- Calcium signaling pathway
- Neuroactive ligand-receptor interaction

Disease

- Acute Disease
- Asthma
- Atherosclerosis
- Bronchial Hyperreactivity
- Bronchiolitis
- Cardiovascular Diseases

- Carotid Artery Diseases
- Chronic Disease
- Dermatitis
- Diabetes Mellitus
- Drug Hypersensitivity
- Edema
- Genetic Predisposition to Disease
- Hypersensitivity
- Infant
- Neoplasms
- Ovarian cancer
- Ovarian Neoplasms
- Pneumonia
- Respiratory Syncytial Virus Infections
- Rhinitis
- Sinusitis
- Urticaria