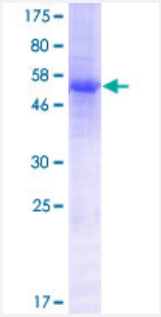
Full-Length

LILRA5 (Human) Recombinant Protein (P01)

Catalog # H00353514-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LILRA5 full-length ORF (NP_067073.1, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAPWSHPSAQLQPVGGDAVSPALMVLLCLGLSLGPRTHVQAGNLSKATLWAEPGSVISRGNSV TIRCQGTLEAQEYRLVKEGSPEPWDTQNPLEPKNKARFSIPSMTEHHAGRYRCYYYSPAGWSEP SDPLELVVTGFYNKPTLSALPSPVVTSGENVTLQCGSRLRFDRFILTEEGDHKLSWTLDSQLTPS GQFQALFPVGPVTPSHRWMLRCYGSRRHILQVWSEPSDLLELPVSGAADNLSPSQNKSDSGTAS HLQDYAVENLIRMGMAGLILVVLGILIFQDWHSQRSPQAAAGR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	59.2
Interspecies Antigen Sequence	Mouse (57); Rat (58)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LILRA5

Entrez GeneID	353514
GeneBank Accession#	NM_021250.2
Protein Accession#	NP_067073.1
Gene Name	LILRA5
Gene Alias	CD85, CD85F, ILT11, LILRB7, LIR9
Gene Description	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5
Omim ID	606047
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inibitory functions in leukocytes. Cr osslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in trig gering innate immune responses. This gene is one of the leukocyte receptor genes that form a ge ne cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants enco ding distinct isoforms have been described. [provided by RefSeq
Other Designations	OTTHUMP00000067953|immunoglobulin-like transcript 11 protein|leukocyte Ig-like receptor 9|leu kocyte immunoglobulin-like receptor subfamily A member 5|leukocyte immunoglobulin-like recept or subfamily A member 5 soluble|leukocyte immunoglobulin-like recepto

Disease

- Hepatitis C