Full-Length

LILRA2 (Human) Recombinant Protein (P01)

Catalog # H00011027-P01 Size 25 ug, 10 ug

Applications

Specification

Product Description	Human LILRA2 full-length ORF (AAH27916.1, 1 a.a. - 466 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	MTPILTVLICLGLSLGPRTHVQAGHLPKPTLWAEPGSVIIQGSPVTLRCQGSLQAEEYHLYRENKSA SWVRRIQEPGKNGQFPIPSIAREHAGRYHCQYYSHNHSSEYSDPLELVVTGAYGKPTLSALPSPV VTLGGNVTLQCVSQVAFDGFILCKEGEDEHPQRLNSHSHARGWSWAIFSVGPVSPSRRWSYRC YAYDSNSPYVWSLPSDLLELLVPGVSKKPSLSVQPGPMVAPGESLTLQCVSDVGYDRFVLYKEG ERDFLQRPGWQPQAGLSQANFTLGPVSPSHGGQYRCYSAHNLSSEWSAPSDPLDILITGQFYDR PSLSVQPVPTVAPGKNVTLLCQSRGQFHTFLLTKEGAGHPPLHLRSEHQAQQNQAEFRMGPVTS AHVGTYRCYSSLSSNPYLLSLPSDPLELVVSASLGQHPQDYTVENLIRMGVAGLVLVVLGILLFEA QHSQRSLQDAAGR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	77
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 — LILRA2

Entrez GeneID	11027
GeneBank Accession#	BC027916.1
Protein Accession#	AAH27916.1
Gene Name	LILRA2
Gene Alias	CD85H, ILT1, LIR-7, LIR7
Gene Description	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2
Omim ID	604812
Gene Ontology	Hyperlink
Gene Summary	Leukocyte Ig-like receptors (LIRs) are a family of immunoreceptors expressed predominantly on monocytes and B cells and at lower levels on dendritic cells and natural killer (NK) cells. All LIRs in subfamily B have an inhibitory function (see, e.g., LILRB1, MIM 604811). LIRs in subfamily A, with short cytoplasmic domains lacking an immunoreceptor tyrosine-based inhibitory motif (ITIM) and with transmembrane regions containing a charged arginine residue, may initiate stimulatory casc ades. One member of subfamily A (LILRA3; MIM 604818) lacks a transmembrane region and is p resumed to be a soluble receptor.[supplied by OMIM
Other Designations	leukocyte immunoglobulin-like receptor 7|leukocyte immunoglobulin-like receptor subfamily A me mber 2 soluble

Disease

- Genetic Predisposition to Disease
- Hepatitis C
- Lupus Erythematosus
- Vasculitis