

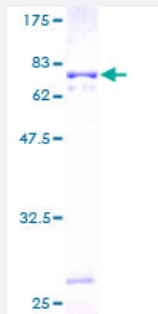
Full-Length

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
YAYDSNSPYVWSLPSDLLELLVPGVSKKPSLSVQPGPMVAPGESLTLCVSDVG YDRFVLYKEG
ERDFLQRPGWQPQAGLSQANFTLGPVSPSHGGQYRCYSAHNLSSSEWSAPSDPLDILITGQFYDR
PSLSVQPVPTVAPGKNVTLLCQSRGQFHTFLLTKEGAGHPPLHLRSEHQAQQNQAEFRMGPVTS
AHVGTYRCYSSLSSNPYLLSLPSDPLELVVSASLGQHPQDYTVENLIRMGVAGLVVLGILLFEA
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 cascades. One member of subfamily A (LILRA3; MIM 604818) lacks a transmembrane region and is presumed to be a soluble receptor.[supplied by OMIM]

Other Designations

leukocyte immunoglobulin-like receptor 7|leukocyte immunoglobulin-like receptor subfamily A member 2 soluble

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Lupus Erythematosus](#)
- [Vasculitis](#)