

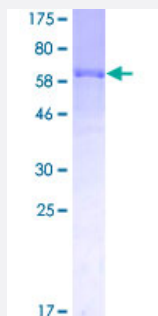
Full-Length

LILRA3 (Human) Recombinant Protein (P01)

Catalog # H00011026-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LILRA3 full-length ORF (AAH28208.1, 1 a.a. - 439 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTSILTVLICLGLSLDPRTHVQAGPLPKPTLWAEPGSVITQGSPVTLRCQGSLETQEYHLYREKKTA
LWITRIPQELVKKGQFPILSITWEHAGRYCCYGSHTVGLSESSDPLELVVTGAYSKPTLSALPSPV
VTSGGNVTIQCDSSQVAFDGFILCKEGEDEHPQCLNSHSHARGSSRAIFSVGPVSPSRRWSYRCY
GYDSRAPYVWSLPSDLLGLLVPGVSKKPSLSVQPGPVVAPGEKLTFCQGS DAGYDRFVLYKEW
GRDFLQRPGRQPQAGLSQANFTLGPVSRSYGGQYTCGAYNLSSEWSAPSDPLDILITGQIRARP
FLSVRPGPTVASGENVTLLCQSQQGMHTFLLTKEGAADSPLRLKSKRQSHKYQAEFPMSPVTSA
HAGTYRCYGSLSNPYLLTHPSDPLELVSGAAETLSPQNKSDSKAGE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.03

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 — LILRA3

Entrez GeneID [11026](#)

GeneBank Accession# [BC028208](#)

Protein Accession# [AAH28208.1](#)

Gene Name LILRA3

Gene Alias CD85E, HM31, HM43, ILT6, LIR-4, LIR4, e3

Gene Description leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3

Omim ID [604818](#)

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 (see LILRA1, MIM 604810). One member of subfamily A (LILRA3) lacks a transmembrane region and is presumed to be a soluble receptor (Borges et al., 1997 [PubMed 9548455]).[supplied by OMIM]

Other Designations OTTHUMP00000067955|OTTHUMP00000067957|leucocyte immunoglobulin-like receptor|leukocyte immunoglobulin-like receptor 4|leukocyte immunoglobulin-like receptor A3

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Multiple Sclerosis](#)
- [Psoriasis](#)