

Recombinant Human LILRA2, His-tagged

Cat. No. LILRA2-114H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Leukocyte Immunoglobulin-Like Receptor Subfamily A Member 2/LILRA2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gly24-Ser420) of Human LILRA2 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	24-420 a.a.
Description	Leukocyte Immunoglobulin-Like Receptor Subfamily A Member 2 (LILRA2) is a single-pass type I membrane protein. LILRA2 is expressed predominantly on monocytes and B cells, and at lower levels on dendritic cells and natural killer cells. LILRA2 contains four Ig-like C2-type domains, 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. LILRA2 does not bind class I MHC antigens.
AA Sequence	GHLPKPTLWAEPGSVIIQGSPTLRCQGSQAEEYHLYRENKSASWVRRIQEPGKN GQFPIPSIT WEHAGRYHCQYYSHNHSSEYSDPLELVVTGAYSKPTLSALPSPVVTL GGNVTLCQVSQVAFDGF I LCKEGEDEHPQRLNSHSHARGWSWAIFSVGPVSPSRR WSYRCYAYDSNSPYVWSLPSDLLELLVP GVSKKPSLSVQPGPMVAPGESLTLQCV SDVG YDRFVLYKEGERDFLQRP GWQPQAGLSQANFTLG PVSPSHGGQYRCYSAH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NLSSEWSAPSDPLDILITGQFYDRPSLSVQPVPVTVAPGKNVTLLCQSRG QFHTFLLT
KEGAGHPPLHLRSEHQAQQNQAEFRMGPV TSAHVGTYRCYSSLSSNPYLLSLPSD
PL ELVVSASVDHHHHHH

Endotoxin Less than 0.1 ng/μg (1 IEU/μg).

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

GENE INFORMATION

Gene Name LILRA2 leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2 [Homo sapiens]

Official Symbol LILRA2

Synonyms LILRA2; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2; leukocyte immunoglobulin-like receptor subfamily A member 2; CD85h; ILT1; LIR 7; LIR7; ILT-1; immunoglobulin-like transcript 1; CD85 antigen-like family member H; leukocyte immunoglobulin-like receptor 7; leukocyte immunoglobulin-like receptor subfamily A member 2 soluble; CD85H; LIR-7;

Gene ID 11027

mRNA Refseq NM_001130917

Protein Refseq NP_001124389

MIM 604812

UniProt ID Q8N149

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Chromosome Location	19q13.4
Pathway	Osteoclast differentiation, organism-specific biosystem; Osteoclast differentiation, conserved biosystem;
Function	antigen binding; receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA