



Recombinant Protein Technical Manual  
Recombinant Human LILRA2/ILT1 Protein (His Tag)  
RPES3402

#### Product Data:

**Product SKU:** RPES3402

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** Q8N149

#### Protein Information:

**Molecular Mass:** 44.8 kDa

**AP Molecular Mass:** 66 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Leukocyte Immunoglobulin-Like Receptor Subfamily A Member 2; CD85 Antigen-Like Family Member H; Immunoglobulin-Like Transcript 1; ILT; Leukocyte Immunoglobulin-Like Receptor 7; LIR-7; CD85h; LILRA2; ILT1; LIR7

## Immunogen Information:

**Sequence:** Gly24-Ser420

## Background:

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.