

Recombinant Human LIRA5 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50625

Size: 10ug, 100ug

Protein Name: Leukocyte immunoglobulin-like receptor subfamily A member 5 (CD85 antigen-like family member F) (Immunoglobulin-like transcript 11) (ILT-11) (Leukocyte immunoglobulin-like receptor 9) (LIR-9) (CD antigen CD85f)

Synonym: LILRA5, ILT11, LILRB7, LIR9

UniProt ID: A6NI73

UniProt Link: www.uniprot.org/uniprotkb/A6NI73/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 299 AA

Molecular Weight: 33 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MAPWSHPSAQLQPVGDAVSPALMVLLCLGLSLGPRTHVQAGNLSKATLWAEPGSVISRGNSVTIR
CQGTLEAQEYRLVKEGSPEPWDTONPLEPKNKARFSIPSMTEHHAGRYRCYYSPAGWSEPSDPL
ELVVTGFYNKPTLSALPSPVVTSGENVTLQCGSRLRFDRFILTEEGDHKLSWTLDSQLTPSGQFQAL
FPVGPVTPSHRWMLRCYGSRRHILQVWSEPSDLLEIPVSGAADNLSPSQNKSDSGTASHLQDYAVE
NLIRMGMAGLILVVLGILIFQDWHSQRSPQAAAGR

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant Leukocyte immunoglobulin-like receptor subfamily A member 5 (CD85 antigen-like family member F) (Immunoglobulin-like transcript 11) (ILT-11) (Leukocyte immunoglobulin-like receptor 9) (LIR-9) (CD antigen CD85f) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: May play a role in triggering innate immune responses. Does not seem to play a role for any class I MHC antigen recognition.

Subcellular Localization: Cell membrane ; Single-pass type I membrane protein .; [Isoform 3]: Secreted .

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.