



Recombinant Human LILRA4 Protein Product Manual

1. Product Basic Information

Product No.: REP07354

Protein Name: Leucocyte Ig-Like Receptor A4 (LILRA4)

Aliases: ILT7; CD85g; leucocyte Ig-like receptor A4

UniProt ID: P59901

UniProt Link: <https://www.uniprot.org/uniprotkb/P59901/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (24-446aa)

Molecular Weight: 48.0 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (24-446aa)

ENLLKPILWAEPGPVITWHNPVTIWCQGTLEAQGYRLDKEGNSMSRHILKTLESENK
VKLSIPSMWEHAGRYHCYYQSPAGWSEPSDPLELVVTAYSRTLSALPSPVVT
GVNVTLCASRLGLGRFTLIEEGDHRLSWTLNSHQHNHGKFQALFPMGPLTFSNR
GTFRCYGYENNTPYVWSEPSDPLQLLVSGVSRKPSLLTLQGPVVTGPNLTLQCG
SDVGYIRYTLTYKEGADGLPQRPGRPQAGLSQANFTLSPVSRSYGGQYRCYGAHN
VSSEWSAPSDPLDILIAGQISDRPSLSVQPGPTVTSGEKVTLLCQSWDPMFTFLTK
EGAAHPPLRLRSMYGAHKYQAEFPMSPVTSAGTYRCYGSRSSNPYLLSHPSEP
LELVVSGATETLNPAQKKSDSKTAPHLQDYTVEN

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human LILRA4 partial protein (24-446aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. LILRA4, also known as ILT7 or CD85g or leucocyte Ig-like receptor A4, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.