

LILRA3/CD85e Protein, Human, Recombinant (His & Avi), Biotinylated

General Information

Synonyms:	Leukocyte immunoglobulin-like receptor subfamily A member 3;ILT-6;LIR-4 and Monocyte inhibitory receptor HM43/HM31;Leukocyte immunoglobulin-like receptor 4;Immunoglobulin-like transcript 6;CD85 antigen-like family member E
Protein Construction:	Gly24-Glu439
Species:	Human
Expression Host:	HEK293 Cells
Accession:	AAH28208.1
Molecular Weight:	70-90 KDa (reducing condition)
AA Sequence:	Gly24-Glu439

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing PBS, pH 7.4.

Preparation and Storage

Reconstitution:
Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Leukocyte immunoglobulin-like receptor subfamily A member 3 is also known as CD85 antigen-like family member E, Immunoglobulin-like transcript 6, ILT-6, Leukocyte immunoglobulin-like receptor 4, LIR-4 and Monocyte inhibitory receptor HM43/HM31. In humans, it is encoded by the LILRA3 gene. It acts as soluble receptor for class I MHC antigens. Binds both classical and non-classical HLA class I molecules but with reduced affinities

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compared to LILRB1 or LILRB2. It is detected in B-cells, natural killer (NK) cells, peripheral blood monocytes and lung.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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