

NKp46/NCR1 Protein, Human, Recombinant (Isoform 6, hFc)

General Information

Synonyms:	hNKp46;Natural cytotoxicity triggering receptor 1;NCR1;Natural killer cell p46-related protein;LY94;CD335;NK-p46;NK cell-activating receptor;Lymphocyte antigen 94 homolog; NKp46
Protein Construction:	Gln22-Asn254
Species:	Human
Expression Host:	HEK293 Cells
Accession:	O76036-6
Molecular Weight:	55-80 KDa (reducing condition)
AA Sequence:	Gln22-Asn254

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

Natural cytotoxicity triggering receptor 1(NCR1) is a single-pass type I membrane protein .It contains 2 Ig-like (immunoglobulin-like) domains and belongs to the natural cytotoxicity receptor (NCR) family. The protein is a natural killer (NK) lymphocyte-activating receptor. It is involved in major aspects of NK immune function and shows a high degree of lineage specificity in blood and bone marrow.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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