



Recombinant Protein Technical Manual

Recombinant Human NCR1 Protein (Fc Tag)

RPES5184

Product Data:

Product SKU: RPES5184

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: O76036

Protein Information:

Molecular Mass: 53.5 kDa

AP Molecular Mass: 60 kDa

Tag: C-Fc

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 PBS, pH7.4.

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

Application:

Synonyms: Natural cytotoxicity triggering receptor 1;Lymphocyte antigen 94 homolog;NK cell-activating receptor;Natural killer cell p46-related protein;NK-p46;NKp46;hNKp46;CD335;NCR1;LY94;

Immunogen Information:

Sequence: Gln22-Asn254

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.