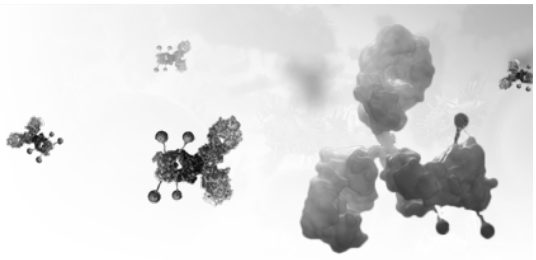

Recombinant Human NKp80 Protein [His] (DAGC658)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Killer cell lectin-like receptor subfamily F member 1 is produced by our Mammalian expression system and the target gene encoding Val166-Tyr231 is expressed with a 6His tag at the N-terminus.
Species	Human
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Conjugate	His
Applications	SDS-PAGE
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ug/mL. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Format	Lyophilized
Size	10 μg
Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Preservative	None
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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BACKGROUND

Introduction	Killer cell lectin-like receptor subfamily F member 1 (KLRF1) is known as NKp80. Human NKp80, a member of the C-type lectin family of proteins (1 - 3), is 231 aa in length with a 38 amino acid (aa) cytoplasmic region, a 21 aa transmembrane region, and a 172 aa extracellular domain (ECD). The protein strongly expressed in peripheral blood leukocytes and spleen, with weaker expression in lymph node and adult liver, and no expression detected in bone marrow, thymus, and fetal liver. Its' function involved in the natural killer (NK)-mediated cytolysis of PHA-induced lymphoblasts.
Keywords	NKp80; KLRF1; CLEC5C; Lectin-like receptor F1; C-type lectin domain family 5 member C

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