

NKp80/KLRF1 Protein, Human (HEK293, His)

Cat. No.:	HY-P72501
Synonyms:	Killer cell lectin-like receptor subfamily F member 1; Activating coreceptor NKp80; KLRF1; CLEC5C; ML
Species:	Human
Source:	HEK293
Accession:	Q9NZS2 (V66-Y231)
Gene ID:	51348
Molecular Weight:	25-35 kDa

PROPERTIES

AA Sequence	V L L K C Q K G S C S N A T Q Y E D T G D L K V N N G T R R N I S N K D L C A S R S A D Q T V L C Q S E W L K Y Q G K C Y W F S N E M K S W S D S Y V V C L E R K S H L L I I H D Q L E M A F I Q K N L R Q L N Y V W I G L N F T S L K M T W T W V D G S P I D S K I F F I K G P A K E N S C A A I K E S K I F S E T C S S V F K W I C Q Y
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The NKp80/KLRF1 Protein plays a crucial role in the natural killer (NK)-mediated cytotoxicity of PHA-induced lymphoblasts, underscoring its significance in the immune response against aberrant or activated cells. This involvement suggests NKp80/KLRF1's function in recognizing and targeting specific cellular targets for elimination through NK-mediated cytotoxicity. Additionally, the protein exists as a homodimer, emphasizing its structural configuration and potential implications for its functional activities in the context of immune surveillance and the elimination of target cells by NK cells.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA