NKp46/NCR1 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P70562
Synonyms:	Activating receptor1; mAR-1; Lymphocyte antigen94; Naturalkiller cell p46-related protein; NK-p46; NKp46; mNKp46
Species:	Mouse
Source:	HEK293
Accession:	Q8C567 (E22-N255)
Gene ID:	17086
Molecular Weight:	Approximately 70 kDa

PROPERTIES

AA Sequence	EKETLPKPII WAKPSIMVTN GNSVNIWCQG AQSASEYQLY FEGSFFALER PKPSRSMNKV RFFISQMTSH TAGIYTCFYQ SGELWSKSSN PLKLVVTGLY DTPNLWVYPR PEVTLGENVT FFCQLKTATS KFFLLKERGS NHIQNKYGNI QAEFPMGPVT RAHRGTYRCF GSYNDYAWSF PSEPVTLLIT GGVENSSLAP TDPTSSLDYW EFDLSTNESG LQKDSAFWDH TTQN
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.
Reconsititution	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	NKp46/NCR1 Protein is a cytotoxicity-activating receptor that enhances the effectiveness of activated natural killer (NK) cells in killing tumor cells. It interacts with CD3Z and FCER1G, potentially aiding in the recognition and destruction of cancerous cells by NK cells.