

KIR2DS3 Protein, Human (P.pastoris, His)

Cat. No.:	HY-P71815
Synonyms:	KIR2DS3; NKAT7 Killer cell immunoglobulin-like receptor 2DS3; MHC class I NK cell receptor; Natural killer-associated transcript 7; NKAT-7
Species:	Human
Source:	P. pastoris
Accession:	Q14952 (22H-245H)
Gene ID:	3808
Molecular Weight:	Approximately 26.7 kDa

PROPERTIES

AA Sequence	<pre> HEGFRRKPSL LAHPGRLVKS EETVILQCWS DVMFEHFLH REGTFNDTLR LIGEHDGVS KANFSIGRMR QDLAGTYRCY GSVPHSPYQF SAPSDPLDIV ITGLYEKPSL SAQPGPTVLA GESVTLSCSS WSSYDMYHLS TEGEAHERRF SAGPKVNGTF QADFP LGPAT QGGTYRCFGS FHDSPYEWSK SSDPLLVSVT GNPSNSWPSP TEPSSKTGNP RHLH </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
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.
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	KIR2DS3, expressed on natural killer (NK) cells, serves as a receptor specifically recognizing HLA-C alleles. In contrast to inhibitory KIRs, KIR2DS3 does not exert inhibitory effects on NK cell activity. Instead, it likely plays a role in activating or modulating NK cell functions, contributing to the intricate balance of signals that regulate the immune response.
-------------------	---

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