
Product Data Sheet

Product Name: NCR3 Human
 Cat. No.: GP24018
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Natural Cytotoxicity Triggering Receptor 3; LY117; 1C7; LymphocyteAntigen 117; Activating Natural Killer Receptor P30; Natural Killer CellP30-Related Protein; NK-p30; NKp30; CD337; MALS; Activating NK-A1 Receptor; CD337Antigen; NKP30.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MLWVSQPPEI RTLEGSSAFL PCSFNASQGR LAIGSVTWFR DEVVPGKEVR NGTPEFRGRLAPLASSRFLH DHQAELHIRD VRGHDASIYV CRVEVLGLGV GTGNGTRLVV EKEHPQLGAG T		
Formulation	NCR3 protein solution (0.5mg/ml) containing 20mM Tris-HClbuffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

CytotoxicityTriggering Receptor 3 also known as NCR3 is a natural cytotoxicity receptor(NCR) which assists NK cells in the lysis of tumor cells. Moreover, NCR3interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotidepolymorphism in the 5' untranslated region of NCR3 has been related with mildmalaria suceptibility. Three transcript variants encoding various isoforms havebeen found for this gene.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.

Background

NCR3 Human Recombinant produced in E.Coli is a single,non-glycosylated polypeptide chain containing 141 amino acids (19-138 a.a) andhaving a molecular mass of

Caution: Product has not been fully validated for medical applications. For research use only.

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15.3kDa.NCR3 is fused to a 21 amino acid His-tag at N-terminus& purified by proprietary chromatographic techniques.

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