
Product Data Sheet

Product Name: NCR2 Human
 Cat. No.: GP24017
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Natural Cytotoxicity Triggering Receptor 2; Lymphocyte Antigen 95 (Activating NK-Receptor; NK-P44); Natural Killer Cell P44-Related Protein; NK Cell-Activating Receptor; Lymphocyte Antigen 95 Homolog; CD336 Antigen; NK-p44; LY95; dj149M18.1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSQAQSKAQV LQSVAGQTLT VRCQYPPTGS LYEKKGWCKE ASALVCIRLV TSSKPRTMAW TSRFTIWDDP DAGFFTVM DLREEDSGHY WCRIYRPSDN SVSKSVRFYL VVS		
Formulation	The NCR2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

NCR2 is a member of the natural cytotoxicity receptor (NCR) family and holds 1 immunoglobulin-like (Ig-like) domain. NCR2 cooperates with TYROBP/DAP12 and is specifically expressed by activated NK cells and by in vitro cultured TCRg/d lymphoid cells. NCR2 is a cytotoxicity-activating receptor which induces the amplified efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.

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). Avoid multiple freeze-thaw cycles.

Background

NCR2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 133 amino acids (19-130) and having a molecular mass of 15.0 kDa.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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NCR2 is fused to a 21 amino acid His-tag at N-terminus.

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