

HuPro®

NCR3 (Human) Recombinant Protein

Catalog # H00259197-H02

Size 25 ug

Specification

Product Description	Purified NCR3 (NP_667341.1 19 a.a. - 135 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293H cells
Sequence	LWVSQPPEIRTLEGSSAFLPCSFNASQGRLAIGSVTWFRDEVVPGKEVRNGTPEFRGRLAPLAS SRFLHDHQAELHIRDVRGHDASIYCRVEVLGLGVGTGNGTRLVVEKEHPQLG
Host	Human
Theoretical MW (kDa)	18.15
Form	Liquid
Preparation Method	Transfection of pSuper-NCR3 plasmid into HEK293H cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE

- Protein Interaction

Gene Info — NCR3

Entrez GeneID	259197
GeneBank Accession#	NM_147130.1
Protein Accession#	NP_667341.1
Gene Name	NCR3
Gene Alias	1C7, CD337, LY117, MALS, NKp30
Gene Description	natural cytotoxicity triggering receptor 3
Omim ID	611550
Gene Ontology	Hyperlink
Gene Summary	Natural cytotoxicity receptors (NCRs), such as NCR3, are activating natural killer (NK) cell receptors that belong to the immunoglobulin (Ig) superfamily. NCR3 is expressed in all resting and activated NK cells and forms a complex with CD3-zeta (CD3Z, or CD247; MIM 186780) (Sato et al., 2001 [PubMed 11782277]).[supplied by OMIM]
Other Designations	OTTHUMP00000029162 OTTHUMP00000038859 OTTHUMP00000038863 lymphocyte antigen 117

Pathway

- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Abortion](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Obesity](#)
- [Retinal Detachment](#)
- [Vitreoretinopathy](#)