

Bioactive

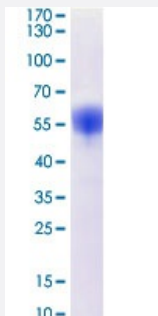
HuPro®

## NCR3 (Human) Recombinant Protein

Catalog # P6791

Size 100 ug

### Applications



NCR3 (Human) Recombinant Protein (Cat # P6791) was determined by SDS-PAGE with Coomassie Blue, showing a band at 54-60 kDa.

### Result of activity analysis

Result of activity analysis

### Specification

<b>Product Description</b>	Human NCR3 (NP_001138938.1, 19 a.a. - 138 a.a.) partial recombinant protein with Fc, 6x His tag at C-terminal expressed in HEK293 cells.
<b>Host</b>	Human
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Mammalian cell (HEK293) expression system
<b>Purification</b>	Ni-sepharose purification
<b>Purity</b>	> 95% by SDS-PAGE
<b>Endotoxin Level</b>	< 0.1 EU/ug of the protein by LAL method.

Activity	Measured by the binding ability in a functional ELISA. Immobilized recombinant Human B7-H6 at 2 u g/mL (100 uL/well) can bind NCR3 (Human) Recombinant Protein (Cat # P6791), the ED <sub>50</sub> of Human NCR3 is 66.43 g/mL.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue NCR3 (Human) Recombinant Protein (Cat # P6791) was determined by SDS-PAGE with Coomassie Blue, showing a band at 54-60 kDa.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.4.
Storage Instruction	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution to a concentration of 0.1-0.5 mg/mL in sterile distilled water, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

## Applications

- SDS-PAGE

## Gene Info — NCR3

Entrez GeneID	<a href="#">259197</a>
Protein Accession#	<a href="#">NP_001138938.1</a>
Gene Name	NCR3
Gene Alias	1C7, CD337, LY117, MALS, NKp30
Gene Description	natural cytotoxicity triggering receptor 3
Omim ID	<a href="#">611550</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)