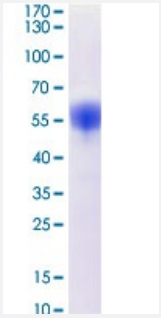
Bioactive HuPro®

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

Product Description	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.
Host	Human
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Ni-sepharose purification
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 0.1 EU/ug of the protein by LAL method.

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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_{50} of Huma n 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 Coomassi e 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 i s 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	259197
Protein Accession#	NP_001138938.1
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 recepto rs that belong to the immunoglobulin (Ig) superfamily. NCR3 is expressed in all resting and activat ed NK cells and forms a complex with CD3-zeta (CD3Z, or CD247; MIM 186780) (Sato et al., 20 01 [PubMed 11782277]).[supplied by OMIM

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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

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