

## Recombinant human NKp30 protein, C-His-Avi (HEK293)

Catalog Number: bs-47166P

Concentration: >0.5 mg/ml

AA Seq: 19-138/201

Predicted MW: 10

Detected MW: Due to glycosylation, the protein migrates to 26-45 kDa based on Tris-Bis PAGE result.

Tags: C-His-Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

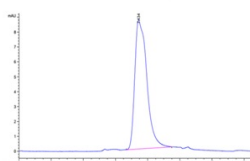
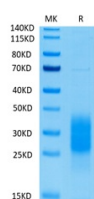
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** NCR3 is a cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis. It is a member of the Ig superfamily and may cooperate with NKp46 and NKp44 in the induction of cytotoxicity against a variety of target cells and is selectively expressed by all NK cells, both freshly isolated and cultured in IL2, thus representing an optimal marker for NK cell identification. Similar to NKp46 and CD16, NKp30 associated with CD3 zeta chains becomes tyrosine phosphorylated following cell treatment with pervanadate. Its extracellular portion is characterized by a single domain of the V-type and by a region rich in hydrophobic amino acids, potentially involved in protein/protein interactions that connects the Ig V-like domain with the transmembrane portion. It is selectively expressed by all resting and activated NK cells and weakly expressed in spleen.

### VALIDATION IMAGES



Recombinant Human NKp30 Protein on Tris-Bis

The purity of Human NKp30 Protein is greater

PAGE under reduced conditions. The purity is greater than 95%.

than 95% as determined by SEC-HPLCA.