Datasheet for ABIN6388280

B7-H6 Protein (AA 25-262) (His tag)

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	B7-H6 (NCR3LG1)
Protein Characteristics:	AA 25-262
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This B7-H6 protein is labelled with His tag.

Product Details

Sequence:	AA 25-262
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	B7-H6 (NCR3LG1)
Alternative Name:	B7-H6 (NCR3LG1 Products)
Background:	The B7 family of genes is essential in the regulation of the adaptive immune system. one of which is the recently discovered B7H6. Humans and rats have a single B7H6 gene, however, many B7H6 genes were detected in a single large cluster in the Xenopus genome. Chimeric antigen receptor (CAR) T-cell therapies have demonstrated durable and potentially curative

Target Details

	therapeutic efficacy against B-cell leukemia in clinical trials. In this study, B7H6, a ligand for the NK cell activating receptor NKp30, was targeted to create a CAR that targets multiple tumor types. B7H6 is expressed on various primary human tumors, including leukemia, lymphoma and gastrointestinal stromal tumors, but it is not constitutively expressed on normal tissues.
Molecular Weight:	28.6 kDa

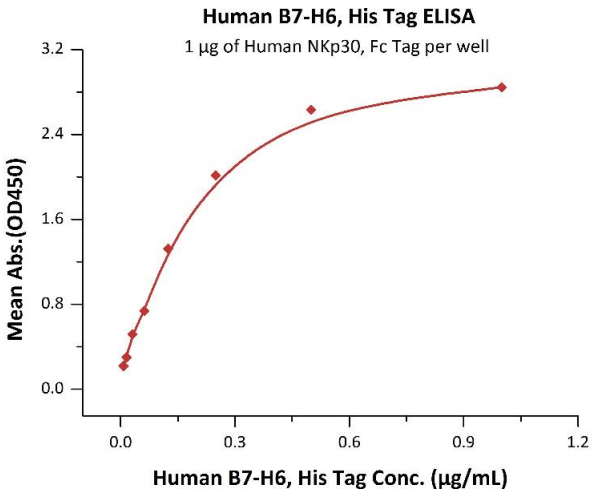
Application Details

Restrictions:	For Research Use only

Handling

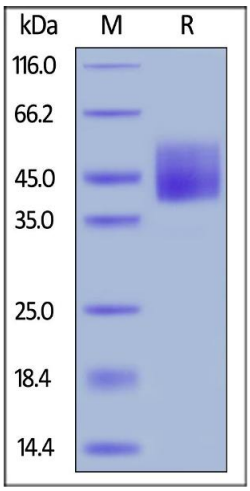
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human NKp30, Fc Tag (ABIN2181533,ABIN2181532) at 10 μg/mL (100 μL/well) can bind Human B7-H6, His Tag (ABIN6386456,ABIN6388280) with a linear range of 0.016-0.25 μg/mL (QC tested).



SDS-PAGE

Image 2. Human B7-H6, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .