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Product Information

MemDX™ Antibody Discovery - Human B7-H6 / NCR3LG1 (25-262) Membrane Protein, Partial, -His tag

Cat. No.: **MP1029F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human B7-H6 / NCR3LG1 (25-262). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
B7-H6 / NCR3LG1

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 28.6 kDa. The protein migrates as 38-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Asp 25 - Ser 262 (Accession # Q68D85-1).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA

Expression Systems
HEK293

Tag
His tag at the C-terminus

Protein Format
Soluble

Form

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LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

B7-H6 / NCR3LG1

Full Name

natural killer cell cytotoxicity receptor 3 ligand 1

Introduction

B7H6 belongs to the B7 family (see MIM 605402) and is selectively expressed on tumor cells. Interaction of B7H6 with NKp30 (NCR3; MIM 611550) results in natural killer (NK) cell activation and cytotoxicity (Brandt et al., 2009 [PubMed 19528259]).

Alternative Names

B7H6; B7-H6; DKFZp686O24166; natural cytotoxicity triggering receptor 3 ligand 1; B7 homolog 6; putative Ig-like domain-containing protein DKFZp686O24166/DKFZp686I21167

Gene ID

374383

UniProt ID

Q68D85

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