

Recombinant Human MFI2 protein, His-tagged

Cat. No. MFI2-1692H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MFI2 protein(P08582-1)(Gly20-Cys709), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Gly20-Cys709
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD228, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-CD228 Antibody, hFc Tag with the EC50 of 4.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 76.60 kDa. Due to glycosylation, the protein migrates to 78-88 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.

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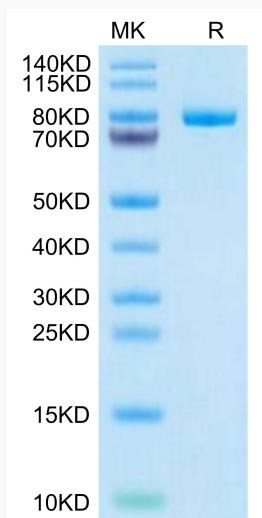
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	MFI2 antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 [Homo sapiens]
Official Symbol	MFI2
Synonyms	MFI2; antigen p97 (melanoma associated) identified; melanotransferrin; CD228; FLJ38863; MAP97; membrane bound transferrin like protein; MGC4856; MTF1; membrane-bound transferrin-like protein; melanoma-associated antigen p97, isoform 2;
Gene ID	4241
mRNA Refseq	NM_005929
Protein Refseq	NP_005920
MIM	155750
UniProt ID	P08582

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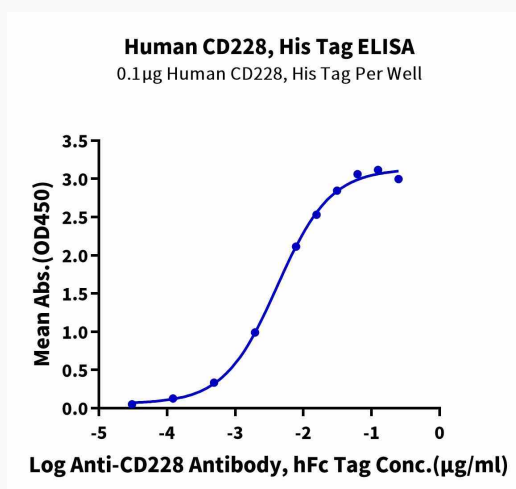
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Tris-Bis PAGE



ELISA



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