Active Recombinant Human DMBT1 protein, His-tagged

Cat. No. DMBT1-3231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human DMBT1 protein(NP_004397.2) (Met 1-Ser 220) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-220 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human Galectin-3 at 10 μg/ml (100 μl/well) can bind biotinylated DMBT1-His with a linear range of 0.06-1.0 μg/ml.
Molecular Mass	The recombinant human DMBT1 consists of 211 amino acids and has a predicted molecular mass of 22.6 kDa. The apparent molecular mass of rh DMBT1 is approximately 35-45 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

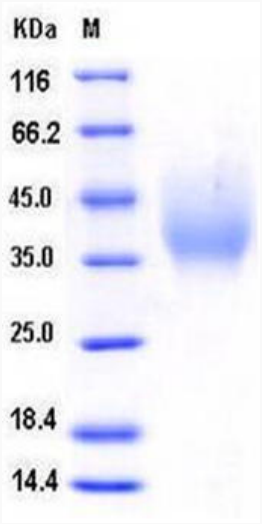
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	aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	DMBT1 deleted in malignant brain tumors 1 [Homo sapiens]
Official Symbol	DMBT1
Synonyms	DMBT1; deleted in malignant brain tumors 1; deleted in malignant brain tumors 1 protein; GP340; muclin; SAG; gp-340; hensin; glycoprotein 340; salivary agglutinin; surfactant pulmonary-associated D-binding protein; FLJ61058; MGC164738;
Gene ID	1755
mRNA Refseq	NM_004406
Protein Refseq	NP_004397
MIM	601969
UniProt ID	Q9UGM3

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SDS-PAGE	

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