

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](#)

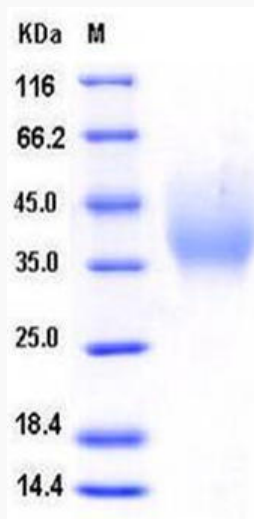
UniProt ID [Q9UGM3](#)

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SDS-PAGE



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