

Recombinant Human DMBT1 Protein, GST-tagged

Cat. No. DMBT1-2700H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DMBT1 partial ORF (NP_004397, 1377 a.a. - 1485 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Loss of sequences from human chromosome 10q has been associated with the progression of human cancers. This gene was originally isolated based on its deletion in a medulloblastoma cell line. This gene is expressed with transcripts of 6.0, 7.5, and 8.0 kb in fetal lung and with one transcript of 8.0 kb in adult lung, although the 7.5 kb transcript has not been characterized. The encoded protein precursor is a glycoprotein containing multiple scavenger receptor cysteine-rich (SRCR) domains separated by SRCR-interspersed domains (SID). Transcript variant 2 (8.0 kb) has been shown to bind surfactant protein D independently of carbohydrate recognition. This indicates that DMBT1 may not be a classical tumor suppressor gene, but rather play a role in the interaction of tumor cells and the immune system. [provided by RefSeq, Mar 2016]
Molecular Mass	37.73 kDa
AA Sequence	DYSCGGFLSQPSGDFSSPFYPGNYPNNAKCVWDIEVQNNYRVTVIFRDVQLEGGC NYDYIEVFDGPYRSSPLIARVCDGARGSFTSSSNFMSIRFISDHSITRRRFRAE
Applications	Enzyme-linked Immunoabsorbent Assay

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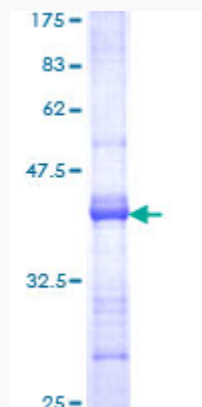
	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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