

DMBT1 / Muclin Active Protein | DMBT1 active protein

Recombinant Human DMBT1 / Muclin Protein (His tag)

CATALOG #
AAA173542

HOST
HEK293 Cells

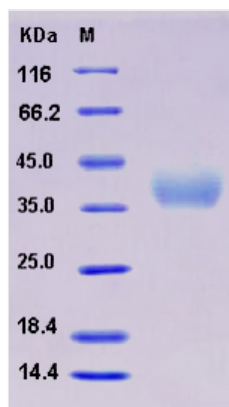
PRODUCT SYNONYMS

DMBT1 / Muclin; Recombinant Human DMBT1 / Muclin Protein (His tag); GP340;muclin; DMBT1 active protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5%trehalose, 5% mannitol, 0.01% Tween80.
Sequence	Met1-Ser220
Species	Human
Tag	C-His
Bio activity	1. Measured by its binding ability in a functional ELISA.2. Immobilized recombinant human Galectin-3 at 10 ug/ml (100 ul/well) can bind biotinylated DMBT1-His with a linear range of 0.06-1.0 ug/ml.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Shipping note	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
Reconstitution	It is recommended that sterile water(200ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV- Vis.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -70 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DMBT1 active protein	Background: Deleted in malignant brain tumors 1 protein, also known as glycoprotein 340, surfactant pulmonary-associated D-binding protein, DMBT1 and GP340, is a secreted protein which belongs to the DMBT1 family. DMBT1 contains 2 CUB domains, 14 SRCR domains and 1 ZP domain. It is highly expressed in alveolar and macrophage tissues. In some macrophages, expression is detected on the membrane, and in other macrophages, it is strongly expressed in the phagosome/phagolysosome compartments. Defects in DMBT1 are involved in the development of glioma (GLM). Gliomas are central nervous system neoplasms derived from glial cells and comprise astrocytomas, glioblastoma multiforme, oligodendrogliomas, and ependymomas. Description: A DNA sequence encoding the N-terminal segment of human DMBT1 (NP_004397.2) (Met 1-Ser 220) was expressed, fused with a polyhistidine tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148539840
NCBI GeneID	1755
NCBI Accession #	NP_004397.2
NCBI GenBank Nucleotide #	NM_004406.2
UniProt Accession #	Q9UGM3; Q59EX0; Q5JR26; A6NDG4; A6NDJ5; A8E4R5; B1ARE7; B1ARE8; B1ARE9; B1ARF0; B7Z8Y2; F8WEF7
Molecular Weight	Mol. Mass: 22.6 kDa AP Mol .Mass: 35-45 kDa
NCBI Official Full Name	deleted in malignant brain tumors 1 protein isoform a
NCBI Official Synonym Full Names	deleted in malignant brain tumors 1
NCBI Official Symbol	DMBT1
NCBI Official Synonym Symbols	SAG; GP340; SALSA; muclin
NCBI Protein Information	deleted in malignant brain tumors 1 protein
UniProt Protein Name	Deleted in malignant brain tumors 1 protein
UniProt Gene Name	DMBT1
UniProt Synonym Gene Names	GP340; Gp-340; SAG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/dmbt1-muclin/173542>