Recombinant Human MTDH protein, His & GST-tagged

Cat. No. MTDH-6989H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTDH protein(AAH45642.1) (Met 1-Thr 582) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-582 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly.
Molecular Mass	The recombinant human MTDH/GST chimera consists of 819 amino acids and has a calculated molecular mass of 91.7 kDa. It migrates as an approximately 110 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 82 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to 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

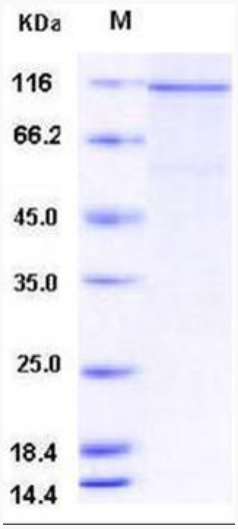
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MTDH metadherin [Homo sapiens]
Official Symbol	MTDH
Synonyms	MTDH; metadherin; protein LYRIC; 3D3; AEG 1; LYRIC; 3D3/LYRIC; metastasis adhesion protein; astrocyte elevated gene-1 protein; lysine-rich CEACAM1 co-isolated protein; AEG1; AEG-1; LYRIC/3D3;
Gene ID	92140
mRNA Refseq	NM_178812
Protein Refseq	NP_848927
MIM	610323
UniProt ID	Q86UE4

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SDS-PAGE	

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