Recombinant Human MTDH protein, GST-tagged

Cat. No. MTDH-9453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTDH protein(233-582 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	233-582 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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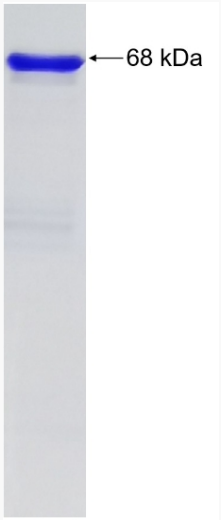
AA Sequence	EQLTTASFPVGSKKNKGDSHLNVQVSNFKSGKGDSTLQVSSGLNENLTVNGGGWN EKSVKLSSQISAGEEKWNSVSPASAGKRKAEPSAWSQDTGDANTNGKDWGRSWS DRSIFSGIGSTAEPVSQSTTSDYQWDVSRNQPYIDDEWSGLNGLSSADPNSDWNA PAEEWGNWVDEERASLLKSQEPIPDDQKVSDDDKEKGEGALPTGKSKKKKKKKKK QGEDNSTAQDTEELEKEIREDLPVNTSKTRPKQEKAFSLKTISTSDPAEVLVKNSQPI KTLPPATSTEPSVILSKSDSDKSSSQVPPILQETDKSKSNTKQNSVPPSQTKSETSW ESPKQIKKKKKARRET

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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