

Recombinant Full Length Human MTDH Protein, GST-tagged

Cat. No. MTDH-6487HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MTDH full-length ORF (NP_848927.1, 1 a.a. - 582 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	582 amino acids
Description	MTDH (Metadherin) is a Protein Coding gene. Diseases associated with MTDH include Nervous System Disease and Central Nervous System Disease. Among its related pathways are Cytoskeleton remodeling Regulation of actin cytoskeleton by Rho GTPases and Adhesion. GO annotations related to this gene include poly(A) RNA binding and double-stranded RNA binding.
Molecular Mass	90.2 kDa
AA Sequence	<p>MAARSWQDELAQQAEEGSARLREMLSVGLGFLRTELGLDLGLEPKRYPGWVILVG TGALGLLLLLFLLYGWAAACAGSRKKRRSPPRKREEAAVPAAPDDLALLKNLRS EEQKKKNRKKLSEKPKPNGRTVEVAEGEAVRTPQSVTAKQPPEIDKKNEKSKKNKK KSKSDAKAVQNSSRHDGKEVDEGAWETKISHREKRQQRKRDKVLTDSGSLDSTIPG IENTITVTTEQLTTASFPVGSKKNKGDSLNVQVSNFKSGKGDSTLQVSSGLNENLT VNGGGWNEKSVKLSSQISAGEEKWNSVSPASAGKRKAEPSAWSQDTGDANTNGK DWGRSWSDRSIFSGIGSTAEPVSQSTTSDYQWDVSRNQPYIDDEWGLNGLSSAD PNSDWNAPAEWGNWVDEERASLLKSQEPIDDDQKVSDDDKEKGEGALPTGKSKK</p>

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KKKKKKKQGEDNSTAQDTEELEKEIREDLPVNTSKTRPKQEKAFLSKTISTSDPAEVL
 VKNSQPIKTLPPATSTEPVILSKSDSDKSSSQVPPILQETDKSKSNTKQNSVPPSQT
 KSETSWESPKQIKKKKKARRET

Applications
 Enzyme-linked Immunoabsorbent Assay
 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
[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](#)

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MIM	610323
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UniProt ID	Q86UE4
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