

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	MAARSWQDELAQQAEEGSARLREMLSVGLGFLRTELGLDLGLEPKRYPGWVILVG TGALGLLLLLFLLYGWAAACAGSRKKRRSPPRKREEAAVPAAPDDLALLKNLRS EEQKKKNRKKLSEKPKPNGRTVEVAEGEAVRTPQSVTAKQPPEIDKKNEKSKKNKK KSKSDAKAVQNSSRHGKEVDEGAWETKISHREKRQQRKRDKVLTDGSLDSTIPG IENTITVTTEQLTTASFPVGSKKKNKGDSHLNVQVSNFKSGKGDSTLQVSSGLNENLT VNGGGWNEKSVKLSSQISAGEEKWNSVSPASAGKRKAEPSAWSQDTGDANTNGK DWGRSWSDRSIFSGIGSTAEPVSQSTTSQYQWDVSRNQPYIDDEWGLNGLSSAD PNSDWNAPAEWGNWVDEERASLLKSQEPIDDDQKVSDDDKEKGEGALPTGKSKK

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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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