

Recombinant Human MTDH Protein, GST-tagged

Cat. No. MTDH-5690H **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	Wheat Germ
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 TGALGLLLLFLLGYGWAAACAGSRKKRRSPPRKREEAAVPAAPDDLALLKNLRS EEQKKKNRKKLSEKPKPNGRTVEVAEGEAVRTPQSVTAKQPPEIDKKNEKSKKNKK KSKSDAKAVQNSSRHGKEVDEGAWETKISHREKRQQRKRDKVLTDGSLDSTIPG IENTITVTTEQLTTASFPVGSKKKNKGDSHLNVQVS NFKSGKG DSTLQVSSGLNENLT VNGGGWNEKSVKLSSQISAGEEKWNSVSPASAGKRKAEP S A W S Q D T G D A N T N G K DWGRSWSDRSIFSGIGSTAEPVSQSTTS DY Q W D V S R N Q P Y I D D E W S G L N G L S S A D PNSDWNAPAE EWGNWVDEERASLLKSQEP IPDDQKVSDDDKEKGE GALPTGKSKK KKKKKKKKQGEDNSTAQDTEELEKEIREDLPVNTSKTRPKQEKA FSLKTISTSDPAEVL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VKNSQPIKTLPPATSTEPSVILSKSDSDKSSSQVPPILQETDKSKSNTKQNSVPPSQT
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

MIM

610323

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

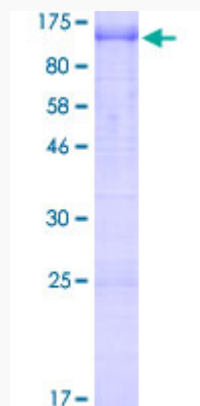
 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q86UE4

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA