

Recombinant Mouse Mtdh Protein, Myc/DDK-tagged

Cat. No. Mtdh-4205M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length metadherin (Mtdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Downregulates SLC1A2/EAAT2 promoter activity when expressed ectopically. Activates the nuclear factor kappa-B (NF-kappa-B) transcription factor. Promotes anchorage-independent growth of immortalized melanocytes and astrocytes which is a key component in tumor cell expansion. Promotes lung metastasis and also has an effect on bone and brain metastasis, possibly by enhancing the seeding of tumor cells to the target organ endothelium. Induces chemoresistance.
Molecular Mass	63.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Mtdh metadherin [Mus musculus (house mouse)]

Official Symbol Mtdh

Synonyms MTDH; metadherin; protein LYRIC; metastasis adhesion protein; lysine-rich CEACAM1 co-isolated protein; 3D3; AEG-1; Lyric; AV353288; 3D3/Lyric; D8Bwg1112e; 2610103J23Rik

Gene ID 67154

mRNA Refseq NM_026002

Protein Refseq NP_080278

UniProt ID Q80WJ7

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