

Product datasheet for **TP710116**

LYRIC (MTDH) (NM_178812) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human metadherin (MTDH), residues 70-582aa, with N-terminal His tag, expressed in sf9 cells
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC207238, encoding the region (Met-Gly70-Thr582) of Homo sapiens MTDH
Tag:	N-His
Predicted MW:	56.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, 100 mM glycine, pH 8.0, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_848927
Locus ID:	92140
UniProt ID:	Q86UE4 , A0A024R9D2
RefSeq Size:	7667
Cytogenetics:	8q22.1
RefSeq ORF:	1746
Synonyms:	3D3; AEG-1; AEG1; LYRIC; LYRIC/3D3



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Summary:

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.[UniProtKB/Swiss-Prot Function]

Protein Families:

Transmembrane

Product images: