

Human MTDH Recombinant Protein



RPPB4016

Product Information Protein Information

Product SKU:

RPPB4016

Accession:

Q86UE4

Host:

Escherichia Coli.

Protein description:

Metadherin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Val271-Asn456) containing 196 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 21.5kDa.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Metadherin, Lysine-Rich CEACAM1 Co-Isolated Protein, Astrocyte Elevated Gene-1 Protein, Metastasis Adhesion Protein, Astrocyte Elevated Gene 1, 3D3/LYRIC, AEG-1, LYRIC, AEG1, LYRIC/3D3, 3D3, MTDH.

Formulation:

MTDH was filtered (0.4µm) and lyophilized in 20mM Tris buffer and 50mM NaCl, pH 7.5.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. MTDH is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHASVSSGLNENLT VNGGGWNEKS VKLSSQISAG EEKWNSVSPA SAGKRKAEPS AWSQDTGDAN
TNGKDWGRSW SDRSIFSGIG STAEPVSQST TSDYQWDVSR NQPYIDDEWS GLNGLSSADP NSDWNAPAE
WGNWVDEERA SLLKSQEPPI DDQKVSDDDK EKGEALPTG KSKKKKKKK KQGEDN.