

Metadherin Human Recombinant

Item Number	rAP-4301
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.
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.
Uniprot Accession Number	Q86UE4
Amino Acid Sequence	MKHHHHHHASVSSGLNENLT VNGGGWNEKS VKLSSQISAG EEKWNSVSPA SAGKRKAEPS AWSQDTGDAN TNGKDWGRSW SDRSIFSGIG STAEPVSQST TSDYQWDVSR NQPYIDDEWS GLNGLSSADP NSDWNAPAE E WGNWVDEERA SLLKSQEPIP DDQKVSDDDK EKGEALPTG KSKKKKKKKK KQGEDN.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	MTDH was filtered (0.4µm) and lyophilized in 20mM Tris buffer and 50mM NaCl, pH 7.5. Greater than 90.0% as determined by SDS-PAGE.
Application	
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 t
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**