

Ethylmalonic Encephalopathy 1 Human Recombinant

Item Number	rAP-3772
Synonyms	Ethylmalonic encephalopathy protein 1, HSCO, Hepatoma subtracted clone one protein, YF13H12, protein ETHE1 mitochondrial, D83198, EC 3.1.2.6.
Description	ETHE1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 267 amino acids (13-254) and having a molecular mass of 29.1kDa. ETHE1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O95571
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMLSQLRG GSGAPILLRQ MFEPVSCFTT YLLGDRESRE AVLIDPVLET APRDAQLIKE LGLRLLYAVN THCHADHITG SGLLRSLLPG CQSVISRLSG AQADLHIEDG DSIRGGRFAL ETRASPGHTP GCVTFVLNDH SMAFTGDALL IRGCGRTDFQ QGCAKTLYHS VHEKIFT- LPG DCLIYPAHDY HGFTVSTVEE ERTLNPRLTL SCEEFVKIMG NLNLPKPQQI DFAVPANMRC GVQTP- TA
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ETHE1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
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 end users! This product is sold for **Research Use Only**