9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ETHE1 Human

Ethylmalonic Encephalopathy 1 Human Recombinant
RCP0785

Product Overview

Name	ETHE1 Human
Description	
Ethylmalonic Encephalopathy 1 Human Recombinant	
Accession (Primary)	O95571
Synonyms	
Ethylmalonic encephalopathy protein 1, HSCO, Hepatoma subtracted clone one protein, YF13H12, protein ETHE1 mitochondrial, D83198, EC 3.1.2.6.	
Introduction	
ETHE1 is a mitochondrial sulfur dioxygenase involved in catabolism of sulfide that accumulates to toxic levels in ethylmalonic encephalopathy. Mutations of ETHE1 were detected in all the typical ethylmalonic encephalopathy patients analysed, but no ETHE1 mutations were identified in patients presenting with early onset progressive encephalopathy with ethylmalonic aciduria.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ETHE1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM LSQRG GSGAPILLRQ MFEPVSCTFT YLLGDRESRE AVLIDPVLET APRDAQLIKE LGLRLLYAVN THCHADHITG SGLLRSLLPG CQSVISRLSG AQADLHIEDG DSIRFGRFAL ETRASPGHTP GCVTFVLNDH SMAFTGDALL IRGCGRTDFQ QGCAKTLYHS VHEKIFTLPG DCLIYPAHDY HGFTVSTVEE ERTLNPRLTL SCEEFVKIMG NLNLPKPQQI DFAVPANMRC GVQTPTA	

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Precautions

ETHE1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O95571)