

Recombinant Full Length Human ETHE1 Protein, C-Flag-tagged

Cat. No. ETHE1-2068HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ETHE1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the metallo beta-lactamase family of iron-containing proteins involved in the mitochondrial sulfide oxidation pathway. The encoded protein catalyzes the oxidation of a persulfide substrate to sulfite. Certain mutations in this gene cause ethylmalonic encephalopathy, an infantile metabolic disorder affecting the brain, gastrointestinal tract and peripheral vessels. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	27.7 kDa
AA Sequence	MAEAVLRVARRQLSQRGSGAPILLRQMFEPVSCTFTYLLGDRESREAVLIDPVLET APRDAQLIKELGL RLLYAVNTHCHADHITGSGLLRSLLPGCQSVISRLSGAQADLHIE DGDSIRFGRFALETRASPGHTPGCV TFVLNDHSMFTGDALLIRGCGRTDFQQGCA KTLYHSVHEKIFTLPGDCLIPAHDYHGFTVSTVEEERT LNPRLTLSCEEFVKIMGNL NLPKPQQIDFAVPANMRCGVQTPTA TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

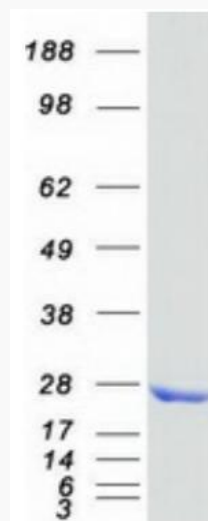
GENE INFORMATION

Gene Name	ETHE1 ETHE1 persulfide dioxygenase [Homo sapiens (human)]
Official Symbol	ETHE1
Synonyms	HSCO; YF13H12
Gene ID	23474
mRNA Refseq	NM_014297.5
Protein Refseq	NP_055112.2
MIM	608451
UniProt ID	O95571

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Coomassie blue staining of purified ETHE1 protein.

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