

Product datasheet for AR50207PU-S

OriGene Technologies, Inc.

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ETHE1 / HSCO (13-254, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: ETHE1 / HSCO (13-254, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSHMLSQRG GSGAPILLRQ MFEPVSCTFT YLLGDRESRE

or AA Sequence: AVLIDPVLET APRDAQLIKE LGLRLLYAVN THCHADHITG SGLLRSLLPG CQSVISRLSG AQADLHIEDG

DSIRFGRFAL ETRASPGHTP GCVTFVLNDH SMAFTGDALL IRGCGRTDFQ QGCAKTLYHS VHEKIFTLPG DCLIYPAHDY HGFTVSTVEE ERTLNPRLTL SCEEFVKIMG NLNLPKPQQI

DFAVPANMRC GVQTPTA

Tag: His-tag

Predicted MW: 29.1 kDa

Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl

Preparation: Liquid purified protein

Protein Description: Recombinant human ETHE1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeg: NP 001307796

Locus ID: 23474

UniProt ID: <u>095571</u>, <u>A0A0S2Z580</u>

Cytogenetics: 19q13.31

Synonyms: HSCO; YF13H12

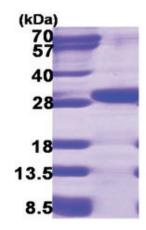




Summary:

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. [provided by RefSeq, Mar 2016]

Product images:



12% SDS-PAGE (3ug)