

Product datasheet for **AR50207PU-S**

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 or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMLSQRG GSGAPILLRQ MFEPVSCTFT YLLGDRESRE AVLIDPVLET APRDAQLIKE LGLRLLYAVN THCHADHITG SGLLRSLPLG CQSVISRLSG AQADLHIEDG DSIRFGRFAL ETRASPGHTP GCVTFVLNDH SMAFTGDALL IRGCGRTDFQ QGCAKTYHS VHEKIFTLPG DCLIYPAHDY HGFTVSTVEE ERTLNPRLTL SCEEFVKIMG NLNLPKPPQI 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.
RefSeq:	NP_001307796
Locus ID:	23474
UniProt ID:	O95571 , A0A0S2Z580
Cytogenetics:	19q13.31
Synonyms:	HSCO; YF13H12



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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: