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Product datasheet for AR50493PU-N

SIAH1 (90-282, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SIAH1 (90-282, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSVANSVLF PCKYASSGCE ITLPHTEKAD HEELCEFRPY SCPCPGASCK WQGSLDAVMP HLMHQHKSIT TLQGEDIVFL ATDINLPGAV DWVMMQSCFG FHFMLVLEKQ EKYDGHQQFF AIVQLIGTRK QAENFAYRLE LNGHRRRLTW EATPRSIHEG IATAIMNSDC LVFDTSIAQL FAENGNLGIN VTISMC
Tag:	His-tag
Predicted MW:	24.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 40% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SIAH1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_001006611
Locus ID:	6477
UniProt ID:	Q8IUQ4
Cytogenetics:	16q12.1
Synonyms:	Siah-1, Siah-1a, HUMSIAH

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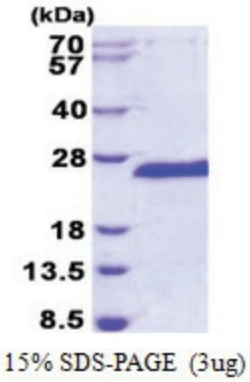
Summary: This gene encodes a protein that is a member of the seven in absentia homolog (SIAH) family. The protein is an E3 ligase and is involved in ubiquitination and proteasome-mediated degradation of specific proteins. The activity of this ubiquitin ligase has been implicated in the development of certain forms of Parkinson's disease, the regulation of the cellular response to hypoxia and induction of apoptosis. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: p53 signaling pathway, Ubiquitin mediated proteolysis, Wnt signaling pathway

Product images:



15% SDS-PAGE (3ug)