

Product datasheet for **AR51543PU-S**

EXOSC1 (1-195, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	EXOSC1 (1-195, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAPPVRY CIPGERLCNL EEGSPGSGTY TRHGYIFSSL AGCLMKSEN GALPVSVVR ETESQLLPDV GAIVTCKVSS INSRFAKVHI LYVGSMLPKN SFRGTIRKED VRATEKDKVE IYKFRPGDI VLAKVISLGD AQSNYLLTTA ENELGVVAH SESGIQMVPI SWCEMQCPKT HTKEFRKVAR VQPEFLQT
Tag:	His-tag
Predicted MW:	23.8 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 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EXOSC1 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_001305291
Locus ID:	51013
UniProt ID:	Q9Y3B2 , B1AMU3
Cytogenetics:	10q24.1
Synonyms:	CGI-108; CSL4; Csl4p; p13; PCH1F; SKI4; Ski4p



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Summary:

This gene encodes a core component of the exosome. The mammalian exosome is required for rapid degradation of AU rich element-containing RNAs but not for poly(A) shortening. The association of this protein with the exosome is mediated by protein-protein interactions with ribosomal RNA-processing protein 42 and ribosomal RNA-processing protein 46. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Protein Pathways:

RNA degradation

Product images: