

Product datasheet for **AR39026PU-N**

AP1 complex subunit sigma-2 / AP1S2 (1-157, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	AP1 complex subunit sigma-2 / AP1S2 (1-157, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MQFMLLFSRQ GKLRLQKWYV PLSDKKKEKKI TRELVQTVLA RKPKMCSFLE WRDLKIVYKR YASLYFCCAI EDQDNELITL EIIHRYVELL DKYFGSVCEL DIIFNFEKAY FILDEFLLGG EVQETSKKNV LKAIEQADLL QEEAETPRSV LEEIGLT
Tag:	His-tag
Predicted MW:	20.7 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.1M NaCl, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human AP1S2 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 up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001259000</u>
Locus ID:	8905
UniProt ID:	<u>A0A5F9ZHW1</u>
Cytogenetics:	Xp22.2
Synonyms:	DC22; MRX59; MRX55; MRXS21; MRXSF; PGS; SIGMA1B



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Summary:

Adaptor protein complex 1 is found at the cytoplasmic face of coated vesicles located at the Golgi complex, where it mediates both the recruitment of clathrin to the membrane and the recognition of sorting signals within the cytosolic tails of transmembrane receptors. This complex is a heterotetramer composed of two large, one medium, and one small adaptin subunit. The protein encoded by this gene serves as the small subunit of this complex and is a member of the adaptin protein family. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2013]

Protein Families:

Druggable Genome

Protein Pathways:

Lysosome

Product images: