

## Product datasheet for **AR50069PU-N**

### Septin-6 / SEPT6 (1-434, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Septin-6 / SEPT6 (1-434, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAATDIA RQVGEGCRTV PLAGHVGFDSP LPDQLVNKSV SQGFCFNILC VGETGLGKST LMDTLFNTKF EGEPATHTQP GVQLQSNTYD LQESNVRLKL TIVSTVGFGD QINKEDSYKP IVEFIDAQFE AYLQEELKIR RVLHTYHDSR IHVCLYFIAP TGHSLKSLDLVTMCKKLDISKV NIPIIAKAD AISKSELTKF KIKITSELVS NGVQIYQFPT DDESVAEING TMNAHLPFVIGSTEELKIG NKMMRARQYP WGTVQVENEH HCDVFKLREM LIRVNMEDLR EQTHTRHYEL YRRCKLEEMG FKDTDPDSKP FSLQETYEAK RNEFLGELQK KEEEMRQMFV QRVKEKEAEL KEAEKELHEK FDRLLKLLHQD EKKKLEDKSK SLDDEVNAFK QRKTAALPQ SQGSQAGGSQ TLKRDKEKKN NPWLCTE
Tag:	His-tag
Predicted MW:	52.1 kDa, (457aa)
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 2 mM DTT, 10% glycerol, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SEPT6 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:	<a href="#">NP_055944</a>
Locus ID:	23157



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UniProt ID: [Q14141](#)

Cytogenetics: Xq24

Synonyms: SEP2; SEPT2; SEPT6

**Summary:** This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis. One version of pediatric acute myeloid leukemia is the result of a reciprocal translocation between chromosomes 11 and X, with the breakpoint associated with the genes encoding the mixed-lineage leukemia and septin 2 proteins. This gene encodes four transcript variants encoding three distinct isoforms. An additional transcript variant has been identified, but its biological validity has not been determined. [provided by RefSeq, Jul 2008]

### Product images:

