

Product datasheet for **AR51825PU-S**

PTPN4 (655-913, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PTPN4 (655-913, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MVL TQFDQLY RKKPGMTMSC AKLPQNISK N RYRDISPYDA TRVILKGNED YINANYINME IPSSIIINQY IACQG LPH T CTDFWQMTWE QGSSMVVMLT TQVERGRVKC HQYWPEPTGS SSYGCYQVTC HSEEGNTAYI FRKMTLFNQE KNESRPLTQI QYIAWPDHGV PDDSSDFLDF VCHVRNKRAG KEEPVVHCS AGIGRTGVLI TMETAMCLIE CNQPVYPLDI VRTMRDQRAM MIQTPSQYRF VCEAILKVYE
Tag:	His-tag
Predicted MW:	32 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris buffer (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
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_002821
Locus ID:	5775
UniProt ID:	P29074
Cytogenetics:	2q14.2
Synonyms:	MEG; PTPMEG; PTPMEG1



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Summary:

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This protein contains a C-terminal PTP domain and an N-terminal domain homologous to the band 4.1 superfamily of cytoskeletal-associated proteins. This PTP has been shown to interact with glutamate receptor delta 2 and epsilon subunits, and is thought to play a role in signalling downstream of the glutamate receptors through tyrosine dephosphorylation. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Phosphatase

Product images: