

## 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 E. coli **Expression Host:** 

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MVLTQFDQLY RKKPGMTMSC AKLPQNISKN RYRDISPYDA TRVILKGNED YINANYINME IPSSSIINQY IACQGPLPHT CTDFWQMTWE QGSSMVVMLT

TQVERGRVKC HQYWPEPTGS SSYGCYQVTC HSEEGNTAYI FRKMTLFNQE KNESRPLTQI QYIAWPDHGV PDDSSDFLDF VCHVRNKRAG KEEPVVVHCS 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.

Liquid purified protein Preparation:

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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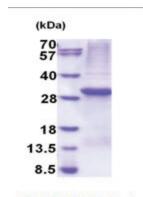
**Summary:** 

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:**



15% SDS-PAGE (3ug)