

Product datasheet for **AR51647PU-S**

PREP / PEP (1-710, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PREP / PEP (1-710, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMLSLQYP DVYRDETAVQ DYHGHKICDP YAWLEDPDSE QTKAFVEAQN KITVPFLEQC PIRGLYKERM TELYDYPKYS CHFKKGKRYF YFYNTGLQNN RVLYVQDSLE GEARVFLDPN ILSDDGTVAL RGYAFSEDGE YFAYGLSASG SDWVTIKFMK VDGAKELPDV LERVKFSCMA WTHDGKGMFY NSYPQQDGKS DGTETSTNLH QKLYYHVLGT DQSEDILCAE FPDEPKWMGG AELSDDGRYV LLSIREGCDP VNRLWYCDLQ QESSGIAGIL KWKVLIDNFE GEYDYVTNEG TVFTFKTNRQ SPNYRVINID FRDPEESKWK VLVPEHEKDV LEWIACVRSN FLVLCYLHDV KNILQLHDLT TGALLKTFPL DVGSIVGYSG QKKDTEIFYQ FTSFLSPGII YHCDLTKEEL EPRVFRETV KRIDASDYQT VQIFYPSKDG TKIPMFIVHK KGIKLDGSHP AFLYGYGGFN ISITPNYSVS RLIFVRHMGG ILAVANIRGG GEYGETWHKG GILANKQNC FDDFQCAA EYL IKEYTSPKR LTINGGSNGG LLVAACANQR PDLFGCVIAQ VGVMDMLKFH KYTIGHAWTT DYGCSDSKQH FEWLKYSPL HNVKLPEADD IQYPSMLLLT ADHDDRVP L HSLKFIATLQ YIVGRSRKQS NPLLIHVDTK AGHGAGKPTA KVIEEVSDMF AFIARCLNVD WIP
Tag:	His-tag
Predicted MW:	83.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified Buffer System: Liquid. In PBS buffer (pH 7.4) containing 30% glycerol, 1 mM DTT
Protein Description:	Recombinant human PREP 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_002717
Locus ID:	5550



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UniProt ID: [P48147](#), [B2RAH7](#)

Cytogenetics: 6q21

Synonyms: PE; PEP

Summary: The protein encoded by this gene is a cytosolic prolyl endopeptidase that cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long. Prolyl endopeptidases have been reported to be involved in the maturation and degradation of peptide hormones and neuropeptides. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease

Product images:

