

Product datasheet for **AR39069PU-N**

Trefoil factor 1 / pS2 (25-84, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Trefoil factor 1 / pS2 (25-84, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH MEAQTETCTV</u> APRERQNCGF PGVTPSQCAN KGCCFDDTVR GVPWCFYPNT IDVPPEEECE F
Tag:	His-tag
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified peptide Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol, 100 mM NaCl, 0.1 mM PMSF
Preparation:	Liquid purified peptide
Protein Description:	Recombinant human Trefoil factor 1, 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 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_003216</u>
Locus ID:	7031
UniProt ID:	<u>P04155</u>
Cytogenetics:	21q22.3
Synonyms:	BCEI; D21S21; HP1.A; HPS2; pNR-2; pS2



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Summary:

Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer, and affect healing of the epithelium. This gene, which is expressed in the gastric mucosa, has also been studied because of its expression in human tumors. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Secreted Protein

Product images: