

Product datasheet for **AR51636PU-N**

Lipocalin-1 (19-176, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Lipocalin-1 (19-176, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH MGSMHHLA SDEEIQDVSG TWYLKAMTVD REFPEMNLES VTPMTLTTLE GGNLEAKVTM LISGRCQEVK AVLEKTDEPG KYTADGGKHV AYIIRSHVKD HYIFYCEGEL HGKPVGRVKL VGRDPKNNLE ALEDFEKAAG ARGSTESIL IPRQSETCSP GSD</u>
Tag:	His-tag
Predicted MW:	20.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LCN1 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:	<u>NP_001239546</u>
Locus ID:	3933
UniProt ID:	<u>P31025, A0A024R8D7</u>
Cytogenetics:	9q34.3
Synonyms:	PMFA; TLC; TP; VEGP



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Summary:

This gene encodes a member of the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins that bind to a variety of hydrophobic ligands. The encoded protein is the primary lipid binding protein in tears and is overproduced in response to multiple stimuli including infection and stress. The encoded protein may be a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and two pseudogenes of this gene are also located on the long arm of chromosome 9. [provided by RefSeq, Nov 2011]

Protein Families:

Secreted Protein

Product images: