

## Product datasheet for **AR09160PU-L**

### Latexin (1-222) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Latexin (1-222) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MEIPPTNYPASRAALVAQNYINYQQGTPHRVFEVQKVKQASMEDIPGRGHKYRLKFAVEEIIQKQVKVNC TAEVLPSTG QETAPEVNFT FEGETGKNPD EEDNTFYQRL KSMKEPLEAQ NIPDNFGNVS PEMTLVLHLA WVACGYIIWQ NSTEDTWYKM VKIQTVKQVQ RNDDFIELDY TILLHNIASQ EIIPWQMQLV WHPQYGTKVK HNSRLPKEVQ LE
<b>Predicted MW:</b>	25.7 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: In 20 mM Tris-HCl buffer (pH 7.5) containing 50 mM NaCl, 10% glycerol
<b>Endotoxin:</b>	< 1.0 EU per 1 µg of protein (determined by LAL method )
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human Latexin protein was expressed in E.coli and purified by using conventional chromatography.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_064554</a>
<b>Locus ID:</b>	56925
<b>UniProt ID:</b>	<a href="#">Q9BS40</a>
<b>Cytogenetics:</b>	3q25.32
<b>Synonyms:</b>	ECl; TCl



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**Summary:**

This gene encodes the only known protein inhibitor of zinc-dependent metalloproteinases. The encoded protein, latexin, downregulates the population size of hematopoietic stem cells. This protein is found to be downregulated in cancer cells because of promoter hypermethylation. [provided by RefSeq, Jul 2020]

**Product images:**