

## Product datasheet for **AR50451PU-S**

### Gamma-crystallin N / CRYGN (1-182, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Gamma-crystallin N / CRYGN (1-182, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSHEMAQRSG KITLYEGKHF TGQKLEVFQD CDNFQDRGFM NRVNSIHVES GAWVCFNHPD FRGQQFILEH GDYPDFFRWN SHSDHMGSCR PVGMHGEHFR LEIFEGCNFT GQCLEFLEDS PFLQSRGWVK NCVNTIKVYG DGAAWSPRSF GAEDFQLSSS LQSDQGPEEA TTKPATTQPP FLTANL
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	23.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CRYGN protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001295221</a>
<b>Locus ID:</b>	155051
<b>UniProt ID:</b>	<a href="#">Q8WXF5</a>
<b>Cytogenetics:</b>	7q36.1
<b>Synonyms:</b>	Gamma-N-crystallin



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**Summary:**

This gene encodes a member of the crystallin family of proteins that are localized to the refractive structure of vertebrate eye lenses. The protein encoded by this gene is unique in that it has both beta and gamma crystallin protein motifs. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2015]

**Product images:**