

## Product datasheet for **AR50839PU-S**

### GPR177 (101-232, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	GPR177 (101-232, His-tag) human recombinant protein, 50 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMEMSPWF QFMLFILQLD IAFKLNNQIR ENAEVSMDVS LAYRDDAF AE WTEMAHERVP RKLKCTFTSP KTPEHEGRYY ECDVLPFMEI GSAVHKFYLL NIRLPVNEKK KINVGIGEIK DIRLVGIHQN GGFTK
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	17.8 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 WLS 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_001002292</a>
<b>Locus ID:</b>	79971
<b>UniProt ID:</b>	<a href="#">Q5T9L3</a>
<b>Cytogenetics:</b>	1p31.3
<b>Synonyms:</b>	Protein wntless homolog, Protein evenness interrupted homolog, C1orf139, WLS, EVI

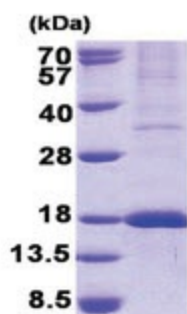


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**Summary:** Regulates Wnt proteins sorting and secretion in a feedback regulatory mechanism. This reciprocal interaction plays a key role in the regulation of expression, subcellular location, binding and organelle-specific association of Wnt proteins. Plays also an important role in establishment of the anterior-posterior body axis formation during development (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transmembrane

**Product images:**



15% SDS-PAGE (3ug)