

## Product datasheet for **TP761763**

### **SPIRE1 (NM\_020148) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human spire homolog 1 (Drosophila) (SPIRE1), transcript variant 2, full length, with N-terminal His tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length SPIRE1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	83.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_064533</a>
<b>Locus ID:</b>	56907
<b>UniProt ID:</b>	<a href="#">Q08AE8</a>
<b>RefSeq Size:</b>	5402
<b>Cytogenetics:</b>	18p11.21
<b>RefSeq ORF:</b>	1749
<b>Synonyms:</b>	Spir-1
<b>Summary:</b>	Spire proteins, such as SPIRE1, are highly conserved between species. They belong to the family of Wiskott-Aldrich homology region-2 (WH2) proteins, which are involved in actin organization (Kerkhoff et al., 2001 [PubMed 11747823]).[supplied by OMIM, Mar 2008]



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Protein Pathways: Dorso-ventral axis formation

**Product images:**

