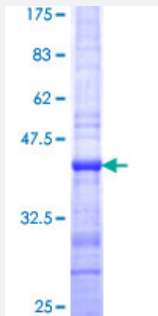


SPIRE1 (Human) Recombinant Protein (Q01)

Catalog # H00056907-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SPIRE1 partial ORF (NP_064533, 482 a.a. - 583 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SEKPSTAHHRPLRSIARFSSKSKSMDKSDEELQFPKELMEDWSTMEVCVDCKKFISEISSRRS LVLANKRARLKRKTQSFYMSSPGPSEYCPSEITSEI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
Interspecies Antigen Sequence	Rat (93)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SPIRE1

Entrez GeneID	56907
GeneBank Accession#	NM_020148
Protein Accession#	NP_064533
Gene Name	SPIRE1
Gene Alias	MGC150621, MGC150622, Spir-1
Gene Description	spire homolog 1 (Drosophila)
Omim ID	609216
Gene Ontology	Hyperlink
Gene Summary	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 (Kerhoffer et al., 2001 [PubMed 11747823]).[supplied by OMIM]
Other Designations	spire homolog 1

Pathway

- [Dorso-ventral axis formation](#)

Disease

- [Tobacco Use Disorder](#)