

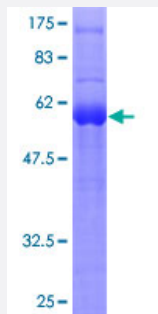
Full-Length

SPRY1 (Human) Recombinant Protein (P01)

Catalog # H00010252-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SPRY1 full-length ORF (NP_005832.1, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDPQNQHSGSSLVVIQQPSLDSRQRLDYEREIQPTAILSLDQIKAIRGSNEYTEGPSVVKRPAPR
TAPRQEKHERTHEIIPINVNNNYEHRHTSHLGHAVLPSNARGPILSRSTSTGSAASSGSNSSASSE
QGLLGRSPPTRPVPGHRSEAIRTPKQLVDDLKGLKEDLTQHKFICEQCGKCKCGECTAPRT
LPSCACNRQCLCSAESMVEYGTCLVKGIFYHCSNDDEGDSYSDNPCSCSQSHCCSRYLCM
GAMSLFLPCLLCYPPAKGCLKLCRRCYDWIHRPGCRCKNSNTVYCKLESCPSRGQGKPS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.5

Interspecies Antigen Sequence

Mouse (83)

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 — SPRY1

Entrez GeneID [10252](#)**GeneBank Accession#** [NM_005841.1](#)**Protein Accession#** [NP_005832.1](#)**Gene Name** SPRY1**Gene Alias** hSPRY1**Gene Description** sprouty homolog 1, antagonist of FGF signaling (Drosophila)**Omim ID** [602465](#)**Gene Ontology** [Hyperlink](#)**Gene Summary** O**Other Designations** sprouty homolog 1, antagonist of FGF signaling|sprouty, Drosophila, homolog of, 1 (antagonist of FGF signaling)

Pathway

- [Jak-STAT signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Neurofibromatosis](#)
- [Neurofibromatosis 1](#)
- [Ovarian Neoplasms](#)
- [Syndrome](#)