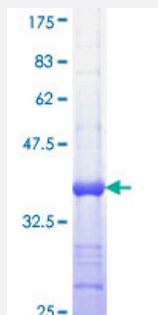


SMO (Human) Recombinant Protein (Q01)

Catalog # H00006608-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human SMO partial ORF (NP_005622, 56 a.a. - 155 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GPPPPLSHCGRAAPCEPLRYNVCLGSVLPYGATSTLLAGDSDSQEEAHGKLVLWSGLRNAPRC WAVIQPLLCAVYMPKCENDRVELPSRTLQCATRGP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (96); Rat (95)
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 — SMO

Entrez GeneID	6608
GeneBank Accession#	NM_005631
Protein Accession#	NP_005622
Gene Name	SMO
Gene Alias	Gx, SMOH
Gene Description	smoothened homolog (Drosophila)
Omim ID	601500
Gene Ontology	Hyperlink
Other Designations	seven transmembrane helix receptor smoothened

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Autistic Disorder](#)

- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)