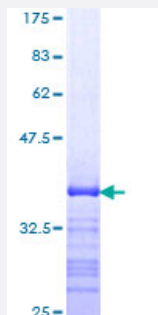


SMAD7 (Human) Recombinant Protein (Q01)

Catalog # H00004092-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SMAD7 partial ORF (NP_005895, 160 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CKVFRWPDLRHSSEVKRLCCCESYGKINPELVCCNPHHLSRLCELESPPPPYSRYPMDFLKPTA DCPDVPSSAETGGTNYLAPGGLSDSQLLEPGDRSH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — SMAD7

Entrez GeneID	4092
GeneBank Accession#	NM_005904
Protein Accession#	NP_005895
Gene Name	SMAD7
Gene Alias	CRCS3, FLJ16482, MADH7, MADH8
Gene Description	SMAD family member 7
Omim ID	114500 602932
Gene Ontology	Hyperlink
Gene Summary	Drosophila) homolog 7 MAD
Other Designations	MAD (mothers against decapentaplegic, Drosophila) homolog 7 MAD, mothers against decapentaplegic homolog 7 Mothers against decapentaplegic, drosophila, homolog of, 7 SMAD, mothers against DPP homolog 7

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Keloid](#)
- [Kidney Neoplasms](#)
- [Leukemia](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Uterine Cervical Neoplasms](#)