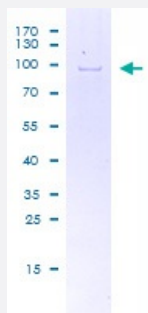


SMOC2 (Human) Recombinant Protein (P01)

Catalog # H00064094-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human SMOC2 full-length ORF (AAH47583.1, 1 a.a. - 446 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MLLPQLCWLPLLAGLLPPVPAQKFSALTFLRVDQDKDKDCSLDCAGSPQKPLCASDGRTFLSR
 CEFQRAKCKDPQLEIAYRGNCKDVSRCVAERKYTQE QARKEFQQVFIPECNDDGTYSQVQCHSY
 TGYCWCVTNPGRPISGTAVAHKTPRCPGSVNEKLPQREGTGKTDDAAAPALETQPQGDEEDIAS
 RYPTLWTEQVKSRQNKTNKNSVSSCDQEHQSALEEAKQPKNDNVVIPECAHGGLYKPVQCHPS
 TGYCWCVLVDGTGRPIPGTSTRYEQPKCDNTARAHPAKARDLYKGRQLQGCPGAKKHEFLTSVLD
 ALSTDMVHAASDPSSSSGRLSEPDPSHTLEERVVHWYFKLLDNSSGDIGKKEIKPFKRFLRKKS
 KPKKCVKKFVEYCDVNNDKKSISVQELMGCLGVAKEDGKADTKKRHTPRGHVESTSNRQPRKQG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.09999999999999

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 — SMOC2

Entrez GeneID	64094
GeneBank Accession#	BC047583.1
Protein Accession#	AAH47583.1
Gene Name	SMOC2
Gene Alias	MST117, MSTP117, MSTP140, SMAP2, SMOC-2, bA270C4A.1, bA37D8.1, dJ421D16.1
Gene Description	SPARC related modular calcium binding 2
Omim ID	607223
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000017666 bA37D8.1 (secreted modular calcium-binding protein 2) dJ421D16.1 (novel thyroglobulin type-1 repeat containing protein) secreted modular calcium-binding protein 2 smooth muscle associated protein 2

Disease

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- [Tobacco Use Disorder](#)
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