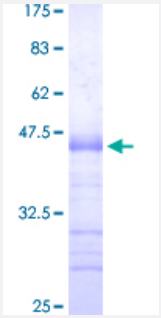
SP3 (Human) Recombinant Protein (Q02)

Catalog # H00006670-Q02 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SP3 partial ORF (NP_003102.1, 516 a.a. - 615 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	GQLPNLQTVTVNSIDSAGIQLHPGENADSPADIRIKEEEPDPEEWQLSGDSTLNTNDLTHLRVQVV DEEGDQQHQEGKRLRRVACTCPNCKEGGGRGTNL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (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.

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Applications

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

Gene Info — SP3

Entrez GeneID	6670
GeneBank Accession#	NM_003111.1
Protein Accession#	NP_003102.1
Gene Name	SP3
Gene Alias	DKFZp686O1631, SPR-2
Gene Description	Sp3 transcription factor
Omim ID	601804
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to a family of Sp1 related genes that encode transcription factors that regulate transcription by binding to consensus GC- and GT-box regulatory elements in target genes. This p rotein contains a zinc finger DNA-binding domain and several transactivation domains, and has b een reported to function as a bifunctional transcription factor that either stimulates or represses th e transcription of numerous genes. Transcript variants encoding different isoforms have been des cribed for this gene, and one has been reported to initiate translation from a non-AUG (AUA) start codon. Additional isoforms, resulting from the use of alternate downstream translation initiation sit es, have also been noted. [provided by RefSeq
Other Designations	GC-binding transcription factor Sp3|specificity protein 3

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