

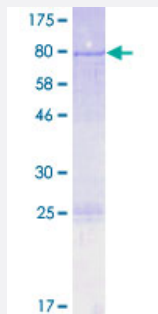
Full-Length

ROD1 (Human) Recombinant Protein (P01)

Catalog # H00009991-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ROD1 full-length ORF (AAH44585.1, 1 a.a. - 558 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDASPSFSLPKKLNELSARRGSDELLSSGIINGPFTMNSSTPSTANGNDSKKFKRDRPPCSPS
RVLHLRKIPCDVTEAEIISLGLPF GKVTNLLMLKGKSQAFLEMASEEAAVTMVNYTPTPHLRSQP
VYIQYSNHRELKTDNLPNQARAQAALQAVSAVQSGSLALSGGPSNEGTVLPGQSPVLRMIENLFYP
VTLEVLHQIFSKFGTVLKIITFTKNNQFQALLQYADPVNAHYAKMALDGGNIYNACCTLRIDFSKLTSL
NVKYNNDKSRDFTRLDLPTGDGQPSLEPPMAAAFGAPGISSPYAGAAGFAPAIGFPQATGLSVP
AVPGALGPLTITSSAVTGRMAIPGASGIPGNSVLLVTNLNPDLTIPHGLFILFGVYGDVHRVKIMFNK
KENALVQMADANQAQLAMNHL SGQRLYGKVL RATLSKHQAVQLPREGQEDQGLTKDFSNSPLH
RFKKPGSKNFQNIFFPSATLHLSNIPPSVTVDLKNLFIEAGCSVKAFKFFQKDRKMALQLGSVE
EAIQALIELHNHDLGENHHLRVFSKSTI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

86.8

Interspecies Antigen Sequence

Mouse (95); Rat (94)

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 — ROD1

Entrez GeneID	9991
GeneBank Accession#	BC044585.1
Protein Accession#	AAH44585.1
Gene Name	ROD1
Gene Alias	DKFZp781I1117, PTBP3
Gene Description	ROD1 regulator of differentiation 1 (S. pombe)
Omim ID	607527
Gene Ontology	Hyperlink
Gene Summary	ROD1 is a functional homolog of nrd1, an S. pombe RNA-binding protein that suppresses the onset of differentiation.[supplied by OMIM]
Other Designations	OTTHUMP00000021933 ROD1 regulator of differentiation 1 fission yeast differentiation regulator regulator of differentiation (in S. pombe) 1 regulator of differentiation (in S. pombe) 1

Disease

- [Tobacco Use Disorder](#)