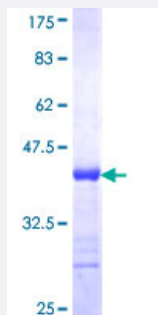


POU3F3 (Human) Recombinant Protein (Q01)

Catalog # H00005455-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POU3F3 partial ORF (NP_006227, 401 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AAQGRKRKKRTSIEVSVKGALESHFLKCPKPSAQEITNLADSLQLEKEVVRVWFNRRQKEKRM TPPGIQQQTPDDVYSQVGTVSADTPPPHHGLQTSVQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — POU3F3

Entrez GeneID	5455
GeneBank Accession#	NM_006236
Protein Accession#	NP_006227
Gene Name	POU3F3
Gene Alias	BRN1, OTF8
Gene Description	POU class 3 homeobox 3
Omim ID	602480
Gene Ontology	Hyperlink
Gene Summary	POU3F3 is a member of the class III POU family of transcription factors (see POU3F1; MIM 602479) that are expressed in the central nervous system. The POU domain in these proteins is required for high affinity binding to octamer DNA sequences Sumiyama et al. (1996) [PubMed 8703082].[supplied by OMIM]
Other Designations	POU domain, class 3, transcription factor 3