

Full-Length

POU4F2 (Human) Recombinant Protein (P01)

Catalog # H00005458-P01

Size 50 ug

Specification

Product Description	Human POU4F2 full-length ORF (BAG37481.1, 1 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MMMMSLNSKQAFSMPHGGSLHVEPKYSALHSTSPGSSAPIAPSASSPSSSSNAGGGGGGGGGG GGGGGGGRSSSSSSSSGSSGGGGSEAMRRACLPPTPSNIFGGLDESLARAEALAAVDIVSQSK SHHHHPHHSPFKPDATYHTMNTIPCTSAASSSSVPISHPSALAGTHHHHHHHHHHHHHQPHQALE GELLEHLSPGLALGAMAGPDGAVVSTPAHAPHMATMNPMPHQAALSMHAHGLPSHMGCMDSV DADPRDLEAFAERFKQRRIKLGVTQADVGSALANLKIPGVGSLSQSTICRFESLTLSHNNMIALKPI LQAWLEEAEEKSHREKLTKEPELFNGAEKKRKRTSIAAPEKRSLEAYFAIQPRPSSEKIAAIAEKLDLK KNVVRVWFCNQRQKQKRMKYSAGI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	71.5
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — POU4F2

Entrez GeneID	5458
GeneBank Accession#	AK314982.1
Protein Accession#	BAG37481.1
Gene Name	POU4F2
Gene Alias	BRN3.2, BRN3B, Brn-3b
Gene Description	POU class 4 homeobox 2
Omim ID	113725
Gene Ontology	Hyperlink
Gene Summary	POU4F2 is a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. A class IV POU-domain protein, POU4F2 is found in human retina exclusively within a subpopulation of ganglion cells where it may play a role in determining or maintaining the identities of a small subset of visual system neurons.[supplied by OMIM]
Other Designations	Brn3b POU domain transcription factor POU domain class 4 transcription factor 2 POU domain protein POU domain, class 4, transcription factor 2