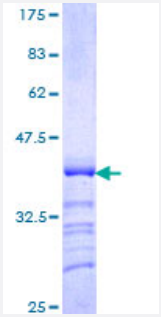
POU4F3 (Human) Recombinant Protein (Q01)

Catalog # H00005459-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POU4F3 partial ORF (NP_002691, 100 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PAALTSHPHHAVHQGLEGDLLEHISPTLSVSGLGAPEHSVMPAQIHPHHLGAMGHLHQAMGMSH PHTVAPHSAMPACLSDVESDPRELEAF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.75
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 — POU4F3

Entrez GeneID	5459
GeneBank Accession#	NM_002700
Protein Accession#	NP_002691
Gene Name	POU4F3
Gene Alias	BRN3C, DFNA15, MGC138412
Gene Description	POU class 4 homeobox 3
Omim ID	602459 602460
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the POU-domain family of transcription factors. POU-domain pr oteins have been observed to play important roles in control of cell identity in several systems. Thi s protein is found in the retina and may play a role in determining or maintaining the identities of a small subset of visual system neurons. Defects in this gene are the cause of non-syndromic senso rineural deafness autosomal dominant type 15. [provided by RefSeq
Other Designations	POU domain, class 4, transcription factor 3