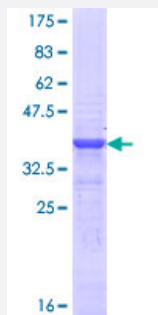


POU4F1 (Human) Recombinant Protein (Q01)

Catalog # H00005457-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POU4F1 partial ORF (NP_006228.2, 331 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QAWLEEAEGAQREKMNKPELFNGGEKKRKRTSIAAPEKRSLEAYFAVQPRPSSEKIAAIAEKLDL KKNVVRVWFCNQRQKQKRMKFSATY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (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 — POU4F1

Entrez GeneID	5457
GeneBank Accession#	NM_006237
Protein Accession#	NP_006228.2
Gene Name	POU4F1
Gene Alias	BRN3A, FLJ13449, Oct-T1, RDC-1
Gene Description	POU class 4 homeobox 1
Omim ID	601632
Gene Ontology	Hyperlink
Gene Summary	BRN3A (POU4F1) is a class IV POU domain-containing transcription factor highly expressed in the developing sensory nervous system and in cells of the B- and T-lymphocytic lineages (Gerrero et al., 1993 [PubMed 8248179]).[supplied by OMIM]
Other Designations	OTTHUMP00000018535 POU domain, class 4, transcription factor 1