

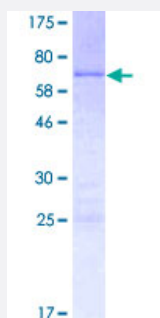
Full-Length

POU4F1 (Human) Recombinant Protein (P01)

Catalog # H00005457-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human POU4F1 full-length ORF (AA48793.1, 1 a.a. - 419 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMSMNSKQPHFAMHPTLPEHKYPSLHSSSEAIRRACLPTPPLQSNLFASLDETLLARAEALAAVD
IAVSQGKSHPFKPDATYHTMNSVPCTSTSTVPLAHHHHHHHHHQALEPGDLLDHSSPSLALMAG
AGGAGAAAGGGGAHDGPGGGGGPGGGGPGGGPGGGGGGPGGGGGGPGGGLLGSAHP
HPHMHSLGHLSHPAAMNMPSGLPHPGLVAAAAHHGAAAAAAAAAAGQVAAASAAA VVG
AAGLASICDSDTDPRELEAFAERFKQRRIKLGVTQADVGSALANLKIPGVGSLSQSTICRFESLTL
HNNMIALKPILQAWLEEAEGAQREKMNKPELFNGGEKKRKRTSIAAPEKRSLEAYFAVQPRPSSE
KIAIAEKLDLKKNVVRVWFCNQRQKQKRMKFSATY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.04

Interspecies Antigen Sequence

Mouse (99)

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#	BC148792
Protein Accession#	AA48793.1
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