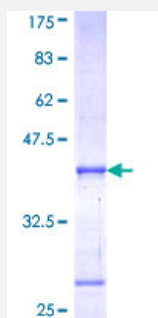


POU1F1 (Human) Recombinant Protein (Q01)

Catalog # H00005449-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POU1F1 partial ORF (NP_000297, 182 a.a. - 291 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NACKLKAILSKWLEEEAEQVGALYNEKVGANERKRKRRTTISIAAKDALERHFGEQNKPSSEIMR MAEELNLEKEVVRVWFCNRRQREKRVKTSLNQSLFSISKEHLECR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (97); Rat (98)
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 — POU1F1

Entrez GeneID	5449
GeneBank Accession#	NM_000306
Protein Accession#	NP_000297
Gene Name	POU1F1
Gene Alias	GHF-1, PIT1, Pit-1
Gene Description	POU class 1 homeobox 1
Omim ID	173110
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the POU family of transcription factors that regulate mammalian development. The protein regulates expression of several genes involved in pituitary development and hormone expression. Mutations in this genes result in combined pituitary hormone deficiency. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	POU domain, class 1, transcription factor 1 growth hormone factor 1 pituitary specific transcription factor 1 pituitary-specific transcription factor 1

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Disease Progression](#)
- [Disease Susceptibility](#)
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