

Pituitary-specific positive transcription factor 1 (POU1F1) Recombinant Protein | POU1F1 recombinant protein

Recombinant Human Pituitary-specific positive transcription factor 1 (POU1F1)

CATALOG #
AAA113371

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Pituitary-specific positive transcription factor 1 (POU1F1); Recombinant Human Pituitary-specific positive transcription factor 1 (POU1F1); POU1F1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-291aa; Full length protein
Sequence	MSCQAFTSAD TFIPLNSDAS ATLPLIMHHS AAELCPVSNH ATNMSTATG LHYSVPSCHY GNQPSTYGVM AGSLTPCLYK FPDHTLSHGF PPIHQPLLA E DPTAADFKQE LRRKSKLVEE PIDMSPEIR ELEKFANEFK VRRIKLGYTQ TNVGEALAAV HGSEFSQTTI CRFENLQLSF KNACKLKAIL SKWLEEEAEQV GALYNEKVGA NERKRKRRTT ISIAAKDALE RHFGEQNKPS SQEIMRMAEE LNLEKEVVRV WFCNRRQREK RVKTSLNQSL FSISKEHLEC R
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for POU1F1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505955
NCBI GeneID	5449
NCBI Accession #	NP_000297.1
NCBI GenBank Nucleotide #	NM_000306.3
UniProt Accession #	P28069; O75757; Q15132; Q15133; Q9UD34; Q9UEL3
Molecular Weight	35,669 Da
NCBI Official Full Name	pituitary-specific positive transcription factor 1 isoform alpha
NCBI Official Synonym Full Names	POU class 1 homeobox 1
NCBI Official Symbol	POU1F1

NCBI Official Synonym Symbols	PIT1; CPHD1; GHF-1; Pit-1; POU1F1a
NCBI Protein Information	pituitary-specific positive transcription factor 1
UniProt Protein Name	Pituitary-specific positive transcription factor 1
UniProt Gene Name	POU1F1
UniProt Synonym Gene Names	GHF1; PIT1; PIT-1; GHF-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pou1f1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113371>