Pituitary homeobox 1 (PITX1) Recombinant Protein | PITX1 recombinant protein

Recombinant Human Pituitary homeobox 1 (PITX1)

CATALOG #	HOST
AAA113914	**E Coli or Yeast or Baculovirus or Mammalian Cell**

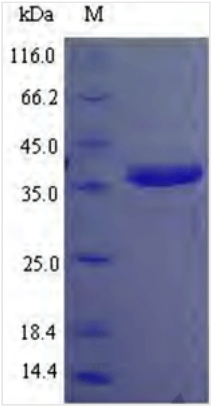
PRODUCT SYNONYMS

Pituitary homeobox 1 (PITX1); Recombinant Human Pituitary homeobox 1 (PITX1); Pituitary homeobox 1; Hindlimb-expressed homeobox protein backfoot; Homeobox protein PITX1; Paired-like homeodomain transcription factor 1; PITX1 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	1-314, Full length protein
Sequence	MDAFKGGMSL ERLPEGLRPP PPPPHDMGPA FHLARPADPR EPLENSASES SDTELPEKER GGEPKGPEDS GAGGTGCGGA DDPAKKKKQR RQRTHFTSQQ LQELEATFQR NRYPDMSMRE EIAVWTNLTE PRVRVWFKNR RAKWRKRERN QQLDLCKGGY VPQFSGLVQP YEDVYAAGYS YNNWAAKSLA PAPLSTKSFT FFNSMSPLSS QSMFSAPSSI SSMTMPSSMG PGAVPGMPNS GLNNINNLTG SSLNSAMSPG ACPYGTPASP YSVYRDTCNS SLASLRLKSK QHSSFGYGGL QGPASGLNAC QYNS
Sequence Length	314
Species	Homo sapiens (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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PITX1 recombinant protein	May play a role in the development of anterior structures, and in particular, the brain and facies and in specifying the identity or structure of hindlimb.

Product Categories/Family for PITX1 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	152963644
NCBI GeneID	5307
NCBI Accession #	NP_002644.4
NCBI GenBank Nucleotide #	NM_002653.4
UniProt Accession #	P78337; O14677; O60425; Q9BTI5; A8K3M0; D3DQB0
Molecular Weight	35KD
NCBI Official Full Name	pituitary homeobox 1
NCBI Official Synonym Full Names	paired-like homeodomain 1
NCBI Official Symbol	PITX1
NCBI Official Synonym Symbols	BFT; CCF; POTX; PTX1; LBNBG
NCBI Protein Information	pituitary homeobox 1; pituitary homeo box 1; homeobox protein PITX1; pituitary otx-related factor; hindlimb expressed homeobox protein backfoot; hindlimb-expressed homeobox protein backfoot; paired-like homeodomain transcription factor 1
UniProt Protein Name	Pituitary homeobox 1
UniProt Gene Name	**PITX1**
UniProt Synonym Gene Names	BFT; PTX1
UniProt Entry Name	PITX1_HUMAN

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/pitx1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113914