Recombinant Mouse Pdx1 protein, His & GST-tagged

Cat. No. Pdx1-1573M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pdx1 aa. (Met1~Arg284 (Accession # P52946)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Arg284
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 61.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

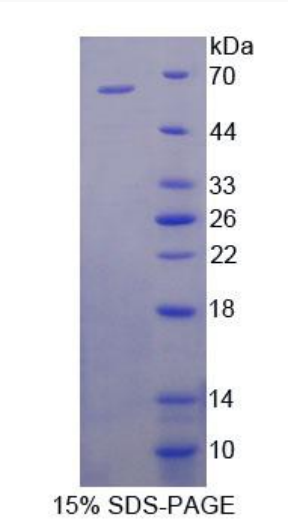
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	-80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.
Isoelectric Point	6.4

GENE INFORMATION

Gene Name	Pdx1 pancreatic and duodenal homeobox 1 [Mus musculus (house mouse)]
Official Symbol	Pdx1
Synonyms	Pdx1; pancreatic and duodenal homeobox 1; Ipf1; IDX-1; IPF-1; Mody4; STF-1; pdx-1; pancreas/duodenum homeobox protein 1; insulin promoter factor 1, homeodomain transcription factor; islet/duodenum homeobox 1; pancreatic and duodenal homeobox gene 1; somatostatin-transactivating factor 1
Gene ID	18609
mRNA Refseq	NM_008814.3
Protein Refseq	NP_032840.1
UniProt ID	P52946

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SDS-PAGE	 15% SDS-PAGE

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