Recombinant Human SERPINA10 protein, His & GST-tagged

Cat. No. SERPINA10-2102H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINA10 aa. (Pro24~Leu444 (Accession # Q9UK55)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro24~Leu444
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 78.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

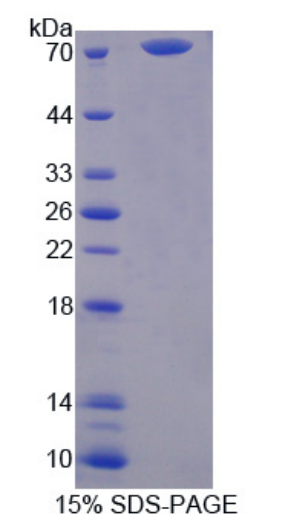
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	SERPINA10 serpin family A member 10 [Homo sapiens (human)]
Official Symbol	SERPINA10
Synonyms	Pdp2; pyruvate dehyrogenase phosphatase catalytic subunit 2; [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial; pyruvate dehydrogenase [acetyl-transferring]-phosphatase 2, mitochondrial; PDP 2; PDPC 2; pyruvate dehydrogenase phosphatase isoenzyme 2; pyruvate dehydrogenase phosphatase, catalytic subunit 2
Gene ID	51156
mRNA Refseq	NM_001100607.2
Protein Refseq	NP_001094077.1
UniProt ID	Q9UK55

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SDS-PAGE

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