

Recombinant Human POU4F2 protein, GST-tagged

Cat. No. POU4F2-21132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POU4F2 protein(1-82 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-82 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MMMSLNSKQAFSMPHGSLHVEPKYSALHSTSPGSSAPIAPSASSPSSSSNAGG GGGGGGGGGGGGGRSSSSSSSGSSGGG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

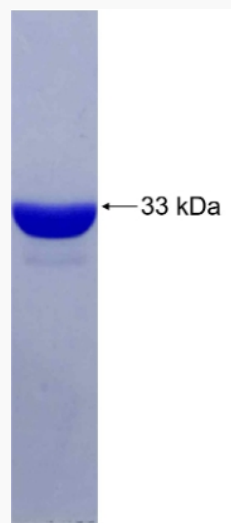
GENE INFORMATION

Gene Name	POU4F2 POU class 4 homeobox 2 [Homo sapiens]
Official Symbol	POU4F2
Synonyms	POU4F2; POU class 4 homeobox 2; BRN3B, POU domain class 4, transcription factor 2 , POU domain, class 4, transcription factor 2; POU domain, class 4, transcription factor 2; Brn 3b; brain-3B; POU domain protein; Brn3b POU domain transcription factor; POU domain class 4 transcription factor 2; brain-specific homeobox/POU domain protein 3B; BRN3B; BRN3.2; Brn-3b;
Gene ID	5458
mRNA Refseq	NM_004575
Protein Refseq	NP_004566
MIM	113725
UniProt ID	Q12837

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SDS-PAGE

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