

Recombinant Human POU2F2 protein, His-tagged

Cat. No. POU2F2-7855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POU2F2 protein(1-75 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-75 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 7.4). 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 300 mM imidazole.
AASequence	MVHSSMGAPEIRMSKPLEAEKQGLDSPSEHTDTERNGPDTNHQNPQNKTSPFSVS PTGPSTKIKAEPSGDSAPA
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 µl sterile water to achieve a working concentration of 0.25 g/

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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	POU2F2 POU class 2 homeobox 2 [Homo sapiens]
Official Symbol	POU2F2
Synonyms	POU2F2; POU class 2 homeobox 2; OTF2, POU domain class 2, transcription factor 2; POU domain, class 2, transcription factor 2; OCT2; OTF-2; homeobox protein; octamer-binding protein 2; octamer-binding transcription factor 2; lymphoid-restricted immunoglobulin octamer-binding protein NF-A2; OTF2; Oct-2;
Gene ID	5452
mRNA Refseq	NM_001207025
Protein Refseq	NP_001193954
MIM	164176
UniProt ID	P09086

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SDS-PAGE

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