

## Recombinant Human DPF2 protein, GST-tagged

**Cat. No.** DPF2-1260H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DPF2 protein(1-391 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-391 aa                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.                                                                                                                       |
| <b>AASequence</b>       | MAAVVENNVKLLGEQYYKDAMEQCHNYNARLCAERSVRLPFLDSQTGVAQSNCYI<br>WMEKRHRGPGGLASGQLYSYPARRWRKKRRRAHPPEDPRLSFPSIKPDTDQTLKKEG<br>LISQDGSSLEALLRTDPLEKRGAPDPRVDDDSLGEFPVTNSRARKRILEPDDFLDDL<br>DDEDYEEDTPKRRGKGKSKGKGVGSARKKLDASILEDKPYACDICGKRYKNRPG<br>LSYHYAHSHLAEIEGEDKEDSQPPTPVSRSEEQSKKGPDGLALPNNYCDFCLG<br>DSKINKKTGQPEELVSCSDCGRSGHPSCLQFTPMMAAVKTYRWQCIECKCCNICG<br>TSENDDQLLFCDDCDRGYHMYCLTPSMSEPPEGSWSCHLCLDLLKEKASIYQNQN<br>SS |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                                                         |

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**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/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** DPF2 D4, zinc and double PHD fingers family 2 [ Homo sapiens ]

**Official Symbol** DPF2

**Synonyms** DPF2; D4, zinc and double PHD fingers family 2; REQ, requiem, apoptosis response zinc finger gene; zinc finger protein ubi-d4; ubi d4; BAF45D; protein requiem; BRG1-associated factor 45D; apoptosis response zinc finger protein; requiem, apoptosis response zinc finger; REQ; UBID4; ubi-d4; MGC10180;

**Gene ID** 5977

**mRNA Refseq** NM\_006268

**Protein Refseq** NP\_006259

**MIM** 601671

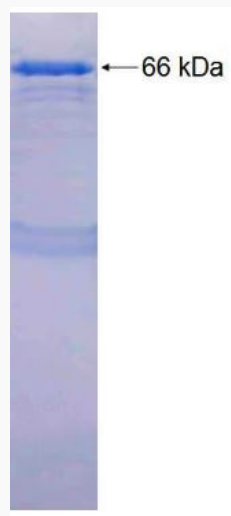
**UniProt ID** Q92785

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## SDS-PAGE



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