

Recombinant Human PAX2 protein, His-tagged

Cat. No. PAX2-1749H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human PAX2 protein(145-432 aa), fused with N-terminal His tag, was expressed in E. coli. |
| ProteinLength | 145-432 aa |
| Tag | N-His |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: 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 | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |
| AA Sequence | QPFHPTPDGAGTGVTAPGHTIVPSTASPPVSSASNDPVGSYRINGILGIPRSNGEKR KRDEVEVYTDPAHIRGGGLHLVWTLRDVSEGSVPNGDSQSGVDSLRKHLRADTF TQQQLEALDRVFERPSYPDVFQASEHIKSEQGNEYSLPALTPGLDEVKSSLSASTNP ELGSNVSGTQTYPVVTGRDMASTTLPGYPPHVPPTGQGSYPTSTLAGMVPGSEFS |

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GNPYSHQPQTAYNEAWRFSNPALLMPPPGPPLPLLPLPMTATSYRGDHIKLQADSF
GLHIVPV

GENE INFORMATION

Gene Name PAX2 paired box 2 [Homo sapiens]

Official Symbol PAX2

Synonyms PAX2; paired box 2; paired box gene 2; paired box protein Pax-2; paired box homeotic gene 2;

Gene ID 5076

mRNA Refseq NM_000278

Protein Refseq NP_000269

MIM 167409

UniProt ID Q02962

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SDS-PAGE



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