

Recombinant Human PAX2 protein, GST-tagged

Cat. No. PAX2-1750H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAX2 protein(180-229 aa), fused with N-terminal GST tag, was expressed in E. coli.
ProteinLength	180-229 aa
Tag	N-GST
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	95%, 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	DPVGSYSINGILGIPRSNGEKRRDEVEVYTDPAHIRGGGGLHLVWTLRD

GENE INFORMATION

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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
SDS-PAGE	