

Recombinant Human PHOX2B protein, His-tagged

Cat. No. PHOX2B-0410H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHOX2B protein(63-314 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	63-314 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	GSCSLGTLRDHQSSPYAAVPYKLFTDHGGLNEKRKQRRIRTTFTSAQLKELERVFAE THYPDIYTREELALKIDLTEARVQVWFQNRRAKFRKQERAAAAAAAAAKNGSSGKK SDSSRDDESKEAKSTDPDSTGGPGPNPNPTPCGANGGGGGGGPSPAGAPGAAGP GGPGGEPGKGGAAAAAAAAAAAAAAAAAAGGLAAAGGPGQGWAPGPGPITSIP DSLGGPFASVLSSLQRPNGAKAALVKSSMF
Purity	90%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PHOX2B paired-like homeobox 2b [Homo sapiens]
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Official Symbol	PHOX2B
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Gene ID	8929
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mRNA Refseq	NM_003924.3
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Protein Refseq	NP_003915.2
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MIM	603851
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UniProt ID	Q99453
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