Recombinant Human PNPO protein, His-tagged

Cat. No. PNPO-1821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNPO protein(1-261 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-261 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MTCWLRGVTATFGRPAEWPGYLSHLCGRSAAMDLGPMRKSYRGDREAFEETHLT SLDPVKQFAAWFEEAVQCPDIGEANAMCLATCTRDGKPSARMLLLKGFGKDGFRFF TNFESRKGKELDSNPFASLVFYWEPLNRQVRVEGPVKKLPEEEAECYFHSRPKSSQ IGAVVSHQSSVIPDREYLRKKNEELEQLYQDQEVPKPKSWGGYVLYPQVMEFWQG QTNRLHDRIVFRRGLPTGDSPLGPMTHRGEEDWLYERLAP
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.

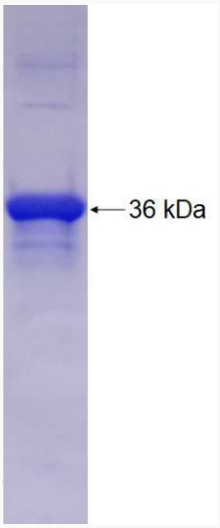
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Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PNPO pyridoxamine 5-phosphate oxidase [Homo sapiens]
Official Symbol	PNPO
Synonyms	PNPO; pyridoxamine 5-phosphate oxidase; pyridoxine 5 phosphate oxidase; pyridoxine-5-phosphate oxidase; PDXPO; pyridoxamine-phosphate oxidase; pyridoxal 5-phosphate synthase; pyridoxine 5-phosphate oxidase; FLJ10535;
Gene ID	55163
mRNA Refseq	NM_018129
Protein Refseq	NP_060599
MIM	603287
UniProt ID	Q9NVS9

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SDS-PAGE	

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