

Recombinant Human CYBB protein, His-tagged

Cat. No. CYBB-2781H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYBB protein(P04839)(283-570aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	283-570aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	37.2 kDa
AA Sequence	ERLVRFWRSQQKVVTIKVVTHPFKTIELQMKKKGFKMEVGQYIFVKCPKVSKLEWHP FTLTSAPEEDFFSIHIRIVGDWTEGLFNACGCDKQEFQDAWKLPKIAVDGPFPGTASE DVFSYEVVMLVGAGIGVTPFASILKSVWYKYCNNATNLKLKKIYFYWLCDTHAFEW FADLLQLLESQMQRNAGFLSYNIYLTGWDESQANHFVHHDEEKDVITGLKQKTL YGRPNWDNEFKTIASQHPNTRIGVFLCGPEALAETLSKQSISNSES GPRGVHFIENK ENF
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	CYBB cytochrome b-245, beta polypeptide [Homo sapiens]
Official Symbol	CYBB
Synonyms	CYBB; cytochrome b-245, beta polypeptide; CGD, chronic granulomatous disease; cytochrome b-245 heavy chain; GP91 PHOX; NOX2; CGD91-phox; NADPH oxidase 2; p22 phagocyte B-cytochrome; cytochrome b558 subunit beta; cytochrome b(558) subunit beta; neutrophil cytochrome b 91 kDa polypeptide; heme-binding membrane glycoprotein gp91phox; superoxide-generating NADPH oxidase heavy chain subunit; CGD; AMCBX2; GP91-1; GP91PHOX; p91-PHOX; GP91-PHOX;
Gene ID	1536
mRNA Refseq	NM_000397
Protein Refseq	NP_000388
MIM	300481
UniProt ID	P04839

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