

Recombinant Full Length Bison Bison Cytochrome B-245 Heavy Chain(Cybb) Protein, His-Tagged

Cat. No. RFL17396BF **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length Bison bison Cytochrome b-245 heavy chain(CYBB) Protein (Q95L74) (1-570aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Bison bison (American bison) (Bos bison) |
| Source | E.coli |
| ProteinLength | Full Length (1-570) |
| Form | Lyophilized powder |
| AA Sequence | <p>MGNWVVNEGISIFVILVWLG MNVFLFVWYYRVYDIPDKFFYTRKLLGSALALARAPA ACL NFNCMLILLPVCRNLLSFLRGSSACCSTRIRRQLDRNLTFHKMVAWMIALHTAIH TIAHL FNVEWCVNARVNNSDPYSIALSDIGDKPNETYLN FVRQRIKNPEGGLYVAVT LLAGITGV VITLCLILIITSSTKTIRRSYFEVFWYTHHLFVIFFIGLAIHGAQRIVRGQTAE SLLKHQ PRNCYQNISQWGKIKDCPIEFSGNPPMTWKWIVGPMFLYL CERLVRFW RSQQKVITKV VTHPFKTIELQMKKKGFKMEVGQYIFVKCPVVS KLEWHPFTLTSAP EEDFFSIHIRIVGD WTEGLFKACGCDKQEFQDAWKLPKIAVDGPFGTASEDVFSYEV VMLVGAGIGVTPFASIL KSVWYKYCNKAPNLRLLKKIYFYWLCRDTHAFEFWADLLQL LETQMQEKNNTDFLSYNICL TGWDESQASHFAMHHDEEKD VITGLKQKTLYGRPN WDNEFKTIGSQHPNTRIGVFLCGPE ALADTLNKQCISNSDSGPRGVHFIFNKENF</p> |
| Purity | Greater than 90% as determined by SDS-PAGE. |

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| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference. |
| GENE INFORMATION | |
| Gene Name | CYBB |
| Synonyms | CYBB; Cytochrome b-245 heavy chain; CGD91-phox; Cytochrome b(558 subunit beta; Cytochrome b558 subunit beta; Heme-binding membrane glycoprotein gp91phox; Neutrophil cytochrome b 91 kDa polypeptide; gp91-1; gp91-phox; p22 phagocyte B-cytochrome |
| UniProt ID | Q95L74 |

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