

Recombinant Full Length Haemophilus Influenzae Atp-Binding/Permease Protein Cydd(Cydd) Protein, His-Tagged

Cat. No. RFL4912HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Haemophilus influenzae ATP-binding/permease protein CydD(cydD) Protein (P45082) (1-586aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Haemophilus Influenzae
Source	E.coli
ProteinLength	Full Length (1-586)
Form	Lyophilized powder
AA Sequence	MNKL RQKY LQKWL RAQQEPIKKLMRANIVLATLSSFILVAQTYFLATLLDKLIMQNVP RD ELIPYFLGLIIGFGMRAILWAREKIGFQSGQLLRNHIRQKILDKIHLVGPATINQKP AG SWASIMLEQVENLHNFYARFLPQQSLSAIVPVVIFIAVFPLNWAAGLILMITAPLVP LFM IIVGIAAADNSQKNMDTLSRLSAQFLDRLRGLET LRLFNRTSEQTEHIENATEDF RETTM DVLKLAFLSSAVLEFFTSISIALMAVYFGFSYLGQIEFGTYNAPLTLFTGFFCLI LAPEF YQPLRDLGTYHHDRAAGIGAADAIVDFLES DYLTVHQNEKTISLESAVEISAE NLVVLST QGSALT KPLNFQIPANH NVALVGQSGAGKTS LMNVILGFLPYEGSLKING QELRESNLAD WRKHIAWVGQNPLLLQGTIKENLLLGDVQANDEEINQALMRSQAKE FTDKLGLHHEIKDG GLGISVGQAQRLAIARALLRKGDLLLLDEPTASLDAQSENVLVQ ALNEASQHQTTLMITH RIEDLKQCDQIFVMQRGEIVQQGKFTELQHEGFFAELLAQR QQDIQ

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
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 mutiple 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	cydD
Synonyms	cydD; HI_1157; ATP-binding/permease protein CydD
UniProt ID	P45082

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