





Recombinant Pseudomonas putida Phthalate 4,5dioxygenase oxygenase subunit (pht3)

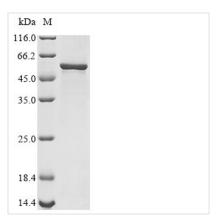
Abbreviation Recombinant Pseudomonas putida pht3 protein The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Uniprot No. Q05183 Form Liquid or Lyophilized powder 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. Product Type Recombinant Protein mmunogen Species Pseudomonas putida (Arthrobacter siderocapsulatus) Purity Greater than 85% as determined by SDS-PAGE. Bequence MLTPEENLLLCRVEGDAPMGQMMRRHWTPVCLLEEVSEPDGTPVRARLFGE DLVVFRDTDGRVGMDEYCPHRRVSLIYGRNENSGLRCLYHGWKMDVDGNV VEMVSEPAASNMCQKVKHTAYKTREWGGFVWAYMGPQDAIPEFVPPAWAP HEHVRVSIAKAIIPCNWAQILEGAIDSAHSSSLHSSDFVPARVGGAEATSKNWL RPSTDKAPRMQVERTSYGFRYAALRRPIQNAATSEYNRSTVFVAPATALIPPN NLYNVANINVPIDDTHTAFYFMAWGNPDNTPETETWRKFLGQQVGIDLDDSYR PLRNDGNRFGQDREAMKNGNFTGIKGFPNQDIAMWYTMGPIADRSDERLGAS DLAVVEFRRVMLDAALAAFQAGESAIGTGEKAIPSRICSFQAIVSKDIDWRDYQA RYVWALDDANIVAEPDYEVHT Research Area others Source E.coli Target Names pht3 Expression Region 1-439aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Fag Info N-terminal 10xHis-tagged and C-terminal Myc-tagged Mol. Weight 56.7 kDa Protein Length		
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	Mol. Weight	56.7 kDa
mage	Protein Length	Full Length
	Image	



CUSABIO TECHNOLOGY LLC







(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

To achieve the expression of the recombinant Pseudomonas putida (Arthrobacter siderocapsulatus) pht3 protein in e.coli cells, a DNA fragment encoding the Pseudomonas putida (Arthrobacter siderocapsulatus) pht3 protein (1-439aa) is inserted into a plasmid vector, which is then transferred to e.coli cells. After screening positive cells, they are cultured and induced to creat the pht3 protein. The protein features a N-terminal 10xHis tag and C-terminal Myc tag fusion. The recombinant Pseudomonas putida (Arthrobacter siderocapsulatus) pht3 protein is purified from the cell lysate through affinity purification. The purity of the obtained recombinant Pseudomonas putida (Arthrobacter siderocapsulatus) pht3 protein is greater than 85%, measured by SDS-PAGE.

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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.