



Recombinant Chromobacterium violaceum Phenylalanine-4-hydroxylase (phhA)

Product Code	CSB-MP017396CKA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P30967
Product Type	Recombinant Protein
Immunogen Species	Chromobacterium violaceum (strain ATCC 12472 / DSM 30191 / JCM 1249 / NBRC 12614 / NCIMB 9131 / NCTC 9757)
Purity	≥85% (SDS-PAGE)
Sequence	MNDRADFVVP DITTRKNVGL SHDANDFTLP QPLDRYSAED HATWATLYQR QCKLLPGRAC DEFMEGLERL EVDADRVPDF NKLNQKLMAA TGWKIVAVPG LIPDDVFFEHLANRRFPVTW WLREPHQLDY LQEPDVFHDL FGHVPLLINP VFADYLEAYG KGGVKAKALG ALPMLARLYW YTVEFGLINT PAGMRIYGAG ILSSKSESIY CLDSASPNRV GFDLMRIMNT RYRIDTFQKT YFVIDSFKQL FDATAPDFAP LYLQLADAQP WGAGDVAPDD LVLNAGDRQG WATEDDV
Source	Mammalian cell
Target Names	phhA
Protein Names	Recommended name: Phenylalanine-4-hydroxylase Short name= PAH EC= 1.14.16.1 Alternative name(s): Phe-4-monooxygenase
Expression Region	1-297
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.