



Recombinant Enterobacter agglomerans Tyrosine phenol-lyase (tpl)

Product Code	CSB-EP339141EKP-B
Storage	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.
Uniprot No.	P31011
Product Type	Recombinant Protein
Immunogen Species	Enterobacter agglomerans (Erwinia herbicola) (Pantoea agglomerans)
Purity	>85% (SDS-PAGE)
Sequence	MNYPAEPFRI KSVETVSMIS RDERVKKMQE AGYNTFLLS KDIYIDLLTD SGTNAMSDKQ WAGMMIGDEA YAGSENFYHL EKTVKELFGF KHIVPTHQGR GAENLLSQLA IKPGQYVAGN MYFTTTRFHQ EKNGATFVDI VRDEAHDASL NLPFKGDIDL NKLATLIKEK GAENIAYICL AVTVNLAGGQ PVSMANMRAV HEMASTYGIK IFYDATRCVE NAYFIKEQEA GYENVSIKDI VHEMFSYADG CTMSGKKDCL VNIGGFLCMN DEEMFSAAKE LVVVYEGMPS YGGLAGRDME AMAIGLREAM QYEYIEHRVK QVRYLGDKLR EAGVPIVEPT GGHAVFLDAR RFCPHLTQDQ FPAQSLAASI YMETGVRSME RGIVSAGRSK ETGENHRPKL ETVRLTIPRR VYTYAHMDVV ADGIIKLYQH KEDIRGLTFV YEPKQLRFFT ARFDFI
Source	E.coli
Target Names	tpl
Protein Names	Recommended name: Tyrosine phenol-lyase EC= 4.1.99.2 Alternative name(s): Beta-tyrosinase
Expression Region	1-456
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.