



# Recombinant Citrobacter freundii Tyrosine phenol-lyase (tpl)

<b>Product Code</b>	CSB-YP327015DTO
<b>Storage</b>	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.
<b>Uniprot No.</b>	P31013
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Citrobacter freundii
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNYP AEPFRI KSVETVSMIP RDERLKKMQE AGYNTFLLNS KDIYIDLLTD SGTNAMSDKQ WAGMMM GDEA YAGSENFYHL ERTVQELFGF KHIVPTHQGR GAENLLSQLA IKPGQYVAGN MYFTTTRYHQ EKNGAVFVDI VRDEAHDAGL NIAFKGDIDL KKLQKLIDEK GAENIAYICL AVTVNLAGGQ PVSMANMRAV RELTEAHGIK VFYDATRCVE NAYFIKEQEQ GFENKSIAEI VHEMFSYADG CTMSGKKDCL VNIGGF LCMN DDEM FSSAKE LVVVYEGMPS YGGLAGRDME AMAIGLREAM QYEYIEHRVK QVRYLGDKLK AAGVPIVEPV GGHAVFLDAR RFCEHLTQDE FPAQSLAASI YVETGVRSM RGIISAGRNN VTGEHHRPKL ETVRLTIPRR VYTYAHMDVV ADGIKLYQH KEDIRGLKFI YEPKQLRFFT ARFDYI
<b>Source</b>	Yeast
<b>Target Names</b>	tpl
<b>Protein Names</b>	Recommended name: Tyrosine phenol-lyase EC= 4.1.99.2 Alternative name(s): Beta-tyrosinase
<b>Expression Region</b>	1-456
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.