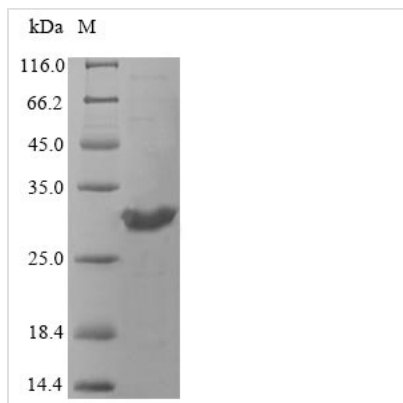




Recombinant *Cryptococcus neoformans* var. *neoformans* serotype D Orotate phosphoribosyltransferase (URA5)

Product Code	CSB-YP317769CTL
Relevance	Catalyzes the transfer of a ribosyl phosphate group from 5-phosphoribose 1-diphosphate to orotate, leading to the formation of orotidine monophosphate (OMP).
Abbreviation	Recombinant <i>Cryptococcus neoformans</i> var. <i>neoformans</i> serotype D URA5 protein
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.	P0CS95
Product Type	Recombinant Protein
Immunogen Species	<i>Cryptococcus neoformans</i> var. <i>neoformans</i> serotype D (strain JEC21 / ATCC MYA-565) (<i>Filobasidiella neoformans</i>)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSSQALDSAKVAFIEAAIEHGVLLFGNFTLKSGRQSPYFFNAGLLYSSSLLSTT AQAYAKVLSSSRIPDFDVLFGPAYKGISLAAVSAVSLYQQTGKDIGYCYNRKEK KDHGEGGTMVGAPLKGRIVIIDDVLTSGKAIREAIDILKASPEAKLVGIVQLVDR QEKGQSGSGKSTVQEVVEEFGVPVEPIIGLDDIVKYLESSGKWEKELQEVRY RAEYGVQRS
Research Area	others
Source	Yeast
Target Names	URA5
Protein Names	Recommended name: Orotate phosphoribosyltransferase Short name= OPRT Short name= OPRTase EC= 2.4.2.10
Expression Region	1-225aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	28.4kDa
Protein Length	Full Length
Image	



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

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.