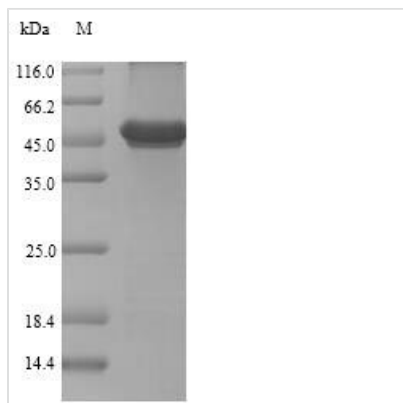




Recombinant Renilla reniformis Coelenterazine h 2-monooxygenase

Product Code	CSB-EP328734RCE
Abbreviation	Recombinant Renilla reniformis Coelenterazine h 2-monooxygenase 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.	P27652
Alias	Renilla-type luciferase
Product Type	Recombinant Protein
Immunogen Species	Renilla reniformis (Sea pansy)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MTSKVYDPEQRKRMITGPQWWARCKQMNVLDSFINYYDSEKHAENAVIFLHG NAASSYLWRHVPHIEPVARCIIPDLIGMGKSGKSGNGSYRLLDHYKYLTAWF ELLNLPKKIIFVGHDWGACLAHFHYSYEHQDKIKAIVHAESVVDVIESWDEWPDIE EDIALIKSEEGEKMVLENNFFVETMLPSKIMRKLEPEEFAAYLEPFKEKGEVRR PTLSWPREIPLVKGGKPDVVQIVRNYNAYLRASDDLPMFIESDPGFFSNAIVE GAKKFPNTEFVKVKGLHFSQEDAPDEMCKYIKSFVERVLKNEQ
Research Area	others
Source	E.coli
Protein Names	Recommended name: Renilla-luciferin 2-monooxygenase EC= 1.13.12.5Alternative name(s): Renilla-type luciferase
Expression Region	1-311aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	56.0kDa
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.