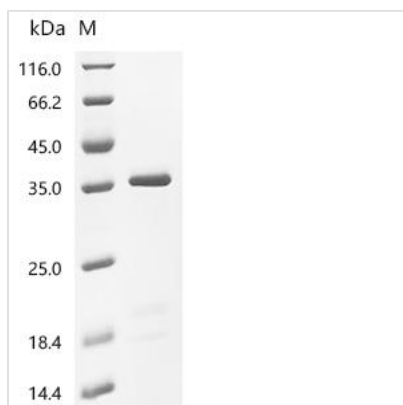




Recombinant Discosoma sp. Red fluorescent protein drFP583

Product Code	CSB-EP871365DEAH
Abbreviation	Recombinant Discosoma sp. Red fluorescent protein drFP583 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.	Q9U6Y8
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Discosoma sp. Red fluorescent protein drFP583
Immunogen Species	Discosoma sp. (Sea anemone)
Sensitivity	Not Test
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MRSSKNVIKEFMRFKVRMEGTVNGHEFEIEGEGEGRPYEGHNTVKLKVTKGG PLPFAWDILSPQFQYGSKVYVKKHPADIPDYKKLSFPEGFKWERVMNFEDGGV VTVTQDSSLQDGCIFYKVKFIGVNFPSDGPVMQKKTMGWEASTERLYPRDGV LKGEIHKALKLKDGGHYLVFESIYMAKKPVQLPGYYYVDSKLDITSHNEDYTIV EQYERTEGRHHLFL
Research Area	Others
Source	E.coli
Target Names	N/A
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	C-terminal 6xHis-tagged
Mol. Weight	32.8 kDa
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.