



Recombinant Macaca mulatta Epidermal growth factor receptor (EGFR)

Product Code	CSB-EP007479MOW
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P55245
Product Type	Recombinant Protein
Immunogen Species	Macaca mulatta (Rhesus macaque)
Purity	>85% (SDS-PAGE)
Sequence	HQSDVWSYGV TVWELMTFGS KPYDGIPASE ISSILEKGER LPQPPICTID VYMIMVKCWM IDADSRPKFR ELIIEFSKMA RDPQR
Source	E.coli
Target Names	EGFR
Protein Names	Recommended name: Epidermal growth factor receptor EC= 2.7.10.1
Expression Region	1-85
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
Target Details	This protein is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.
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.