



Recombinant Pongo abelii Regucalcin (RGN)

Product Code	CSB-EP732668PYX
Abbreviation	RGN
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.	Q5R837
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	MSSIKIECVL PENCQCGESP VWEEASNSLL FVDIPAKKVC RWDSLTKQVQ RVTVDAPVSS VALHRSGDYV ATIGTKFCAL NWKEQSAVVL ATVDNDKKN RFNDGKVDPA GRYFAGTMAE ETAPAVLERH QGALYSLFPD HHVKKYFDQV DISNGLDWSL DHKIFYIDS LSYSVDAFDY DLQTGQISNR RSVYKLEKEE QIPDGMCI DA EGKLWVACYN GGRVIRLDPV TGKRLHTVKL PVDKTTSCCF GGKNYSEMYV TCARDGMDPE GLLRQPEAGG IFKITGLGVK GIAPYSYAG
Source	E.coli
Target Names	RGN
Protein Names	Recommended name: Regucalcin Short name= RC Alternative name(s): Gluconolactonase Short name= GNL EC= 3.1.1.17 Senescence marker protein 30 Short name= SMP-30
Expression Region	1-299
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
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.