Recombinant Pig E3 SUMO-protein ligase EGR2 (EGR2)

Product Code	CSB-EP007485PI-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A1XSY8
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	>85% (SDS-PAGE)
Sequence	MMTAKAVDKI PVTLSGFVHQ LSDNIYPVED LAATSVTIFP NAELGSPFDQ MNGVAGDGMI NIDMTGEKRS LDLPYPSSFA PVSAPRNQTF TYMGKFSIDP QYPGASCYPE GIINIVSAGI LQGVTSPAST TASSNVTSAS PNPLATGPLG VCTMSQTQPD LDHLYSPPPP PPYSGCAGDL YQDPSAFLSA ATTSTSSSLA YPPPPSYPSP KPATDPGLFP MIPDYPGFFP SQCQRDLHGT AGPDRKPFPC PLDSLRVPPP LTPLSTIRNF TLGGPSAGTT GPGASGGSEG PRLPGSSAAA AAAAYNPHHL PLRPILRPRK YPNRPSKTPV HERPYPCPAE GCDRRFSRSD ELTRHIRIHT GHKPFQCRIC MRNFSRSDHL TTHIRTHTGE KPFACDYCGR KFARSDERKR HTKIHLRQKE RKSSAPSSSV PAASTASCTG GAQPGGPLCS SNSSTIGGGS LGPCSSRTRT P
Source	E.coli
Target Names	EGR2
Protein Names	Recommended name: E3 SUMO-protein ligase EGR2 EC= 6.3.2.- Alternative name(s): Early growth response protein 2 Short name= EGR-2
Expression Region	1-471
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 transcription factor with three tandem C2H2-type zinc fingers. Defects in this gene are associated with Charcot-Marie-Tooth disease type 1D (CMT1D), Charcot-Marie-Tooth disease type 4E (CMT4E), and with Dejerine-Sottas syndrome (DSS). Multiple transcript variants encoding two different isoforms have been found for this gene.
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.