



Recombinant Human Neural retina-specific leucine zipper protein (NRL)

Product Code	CSB-EP016086HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P54845
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MALPPSPLAM EYVNDFDLMK FEVKREPSEG RPGPPTASLG STPYSSVPPS PTFSEPGMVG ATEGTRPGL ELYWLATLQQ QLGAGEALGL SPEEAMELLQ GQGPVPVDGP HGYYPGSPEE TGAQHVQLAE RFSDAALVSM SVRELNRQLR GCGRDEALRL KQRRRTLKNR GYAQACRSKR LQRRGLEAE RARLAAQLDA LRAEVARLAR ERDLYKARCD RLTSSEPGSG DPSHLFL
Source	E.coli
Target Names	NRL
Protein Names	Recommended name: Neural retina-specific leucine zipper protein Short name= NRL
Expression Region	1-237
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 gene encodes a basic motif-leucine zipper transcription factor of the Maf subfamily. The encoded protein is conserved among vertebrates and is a critical intrinsic regulator of photoreceptor development and function. Mutations in this gene have been associated with retinitis pigmentosa and retinal degenerative diseases.
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.