



Recombinant Human Protein RD3 (RD3)

Product Code	CSB-EP800101HU-B
Abbreviation	RD3
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.	Q7Z3Z2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSLISWLRWN EAPSRLSTRS PAEMVLETLM MELTGQMREA ERQQRERSNA VRKVCTGVDY SWLASTPRST YDLSPIERLQ LEDVCVKIHP SYCGPAILRF RQLLAEQEPE VQEVSQLFERS VLQEVLERMK QEEEAHKLTR QWSLRPRGSL ATFKTRARIS PFASDIRTIS EDVERDTPPP LRSWSMPEFR APKAD
Source	E.coli
Target Names	RD3
Protein Names	Recommended name: Protein RD3 Alternative name(s): Retinal degeneration protein 3
Expression Region	1-195
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 retinal protein that is associated with promyelocytic leukemia-gene product (PML) bodies in the nucleus. Mutations in this gene cause Leber congenital amaurosis type 12, a disease that results in retinal degeneration. Alternative splicing results in multiple transcript variants.
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.