



Recombinant Cicer arietinum Isoflavone reductase (IFR)

Product Code	CSB-EP311066DTI-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q00016
Product Type	Recombinant Protein
Immunogen Species	Cicer arietinum (Chickpea) (Garbanzo)
Purity	>85% (SDS-PAGE)
Sequence	MASQNRILVL GPTGAIGRHV VWASIKAGNP TYALIRKTPG DINKPSLVAA ANPESKEELL QSFKAAGVIL LEGDMNDHEA LVKAIKQVDT VICTFGRLLI LDQVKIIKAI KEAGNVKRRF PSEFGLDVDR HDAVDPVRPV FDEKASIRRV VEAEGVPYTY LCCHAFTGYF LRNLAQFDAT EPPRDKVIIL GDGNVKGAYV TEADVGTYTI RAANDPRTLN KAVHIRLPHN YLTSNEVVSL WEKKIGKTLE KSYISEEKVL KDINVSTFPH NYLLALYHSQ QIKGDAVYEI DPAKDAEAYD LYPDVKYTTA DEYLDQFV
Source	E.coli
Target Names	IFR
Protein Names	Recommended name: Isoflavone reductase Short name= IFR EC= 1.3.1.45 Alternative name(s): 2'-hydroxyisoflavone reductase NADPH:isoflavone oxidoreductase
Expression Region	1-318
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.