



Recombinant Arabidopsis thaliana DNA repair protein XRCC2 homolog (XRCC2)

Product Code	CSB-EP718064DOA
Abbreviation	XRCC2
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.	Q682D3
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MGDDEARSWI RGDETAQML SRVLKDRAFL LIPPLHRVPL RAGNVVEITG ASTSAKTQIL IQAAISCILP KTWNGIHYGG LGKLVFLDL DCRFDVLRSL QMLKHRLLQA NWLGNGAWWQ LEESNVKSKC SAEKTKTVF DEELYASCMK RFLYVRCYDS LELLSSLKTL HYRIQQQEAC GSQVGVLMID SIGAFHWTDL LSSSLALETH NRKSLSLTNV VETIVQELKK LLLVHSLVVL ATKGTIYEEK YPANENNRKV SSNDHFSGNV ASKAQQPPFR EFMPSWQAF VTHKIIIRKS ADYQSLQTGQ QNLLAYSLEW LQPQLSRIDR FIVDDVRKLT TIKPFYSKLL LIYIVIPASS SHAVWYCHCL VT
Source	E.coli
Target Names	XRCC2
Protein Names	Recommended name: DNA repair protein XRCC2 homolog Alternative name(s): X-ray repair cross-complementing protein 2 homolog Short name= AtXRCC2
Expression Region	1-372
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.