Datasheet for ABIN7591154

ERCC1 Protein (AA 1-410) (His tag)

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Overview

Quantity:	100 µg
Target:	ERCC1
Protein Characteristics:	AA 1-410
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERCC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MANEDDDGEK SRSLHQQIAR KPKTQIVIGV PSYQEVLESS QTKSTPPSLF KPSQSFSQAF AFVKSSDVYS PPPPSSAAAS SSQPSGASQV PHSSSQTHQT DGASSSSTPV ATGSVPSNTT QNRNAILVSH RQKGNPLLKH IRNVKWVFSD IIPDYVLGQN SCALYLSLRY HLLHPDYLYF RIRELQKNFK LSVVLCHVDV EDTVKPLLEV TKTALLHDCT LLCAWSMTEC ARYLETIKVY ENKPADLIQG QMDTDYLSRL NHSLTSIRHV NKSDVVTLGS TFGSLAHIID ASMEDLARCP GIGERKVKRL YDTFHEPFKR ATSSYPSVVE PPIPEAPVEK DVNSEEPVEE DEDFVEDSRK RKKKEPEPEK TVKTALSAVF ARYSDRLSKK KEKQKEKDTT TASDAETHQN
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ERCC1
Alternative Name:	DNA excision repair protein ERCC-1 (ERCC1) (ERCC1 Products)
Background:	Recommended name: DNA excision repair protein ERCC-1. Short name= AtERCC1. Short name= AtRAD10. EC= 3.1.-.-. Alternative name(s): Ultraviolet hypersensitive 7
UniProt:	Q9MA98
Pathways:	DNA Damage Repair, Production of Molecular Mediator of Immune Response

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.