Datasheet for ABIN7591352

XRCC1 Protein (AA 1-631) (His tag)

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Overview

Quantity:	100 µg
Target:	XRCC1
Protein Characteristics:	AA 1-631
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This XRCC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPEISLRHVV SCSSQDSTHR AENLLKADTY RKWRSAKAGE KTISVVLQLE KEEQIHSVDI GNDGSAFVEV LVGSSAGGAT AGEQDYEVLL VTSSFMSPSE SRSGSNPNRV RIFGPDKLVR AAAEKRWDRV KIVCSQPYSK DSPYGLSFVK FHSPPDKDEA EAPSQKVTVT KLGQFRVKEE DDSANSLRPG ALFFNRINKA ASASASDPAG PSYAAATLQA SSAASSASPV PKVGGSSSKL QEPPKGKRKL DLGLEDKKPP SKPSAGPPAP KRPKLPVPSR TPAATPASTP AQKAVPGKPR GEGTEPRGAR AGPQELGKIL QGVVVVLSGF QNPFRSELRD KALELGAKYR PDWTPDSTHL ICAFANTPKY SQVLGLGGRI VRKEWVLDCY RMRRRLPSRR YLMAGLGSSS EDEGDSHSES GEDEAPKLPR KRPQPKAKTQ AAGPSSPPRP PTPEETKAPS PGPQDNSDTD GEQSEGRDNG AEDSGDTEDE LRRVAKQREQ RQPPAPEENG EDPYAGSTDE NTDSEAPSEA DLPIPELPDF FQGKHFFLYG EFPGDERRKL IRYVTAFNGE LEDYMSDRVQ FVITAQEWDP NFEEALMENP SLAFVRPRWI YSCNEKQKLL PHQLYGVVPQ A
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	XRCC1
Alternative Name:	DNA repair protein XRCC1 (Xrcc1) (XRCC1 Products)
Background:	Recommended name: DNA repair protein XRCC1. Alternative name(s): X-ray repair cross-complementing protein 1
UniProt:	Q9ESZ0
Pathways:	DNA Damage Repair

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

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.