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Datasheet for ABIN5713780

RAD23A Protein (AA 1-363, full length) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	RAD23A
Protein Characteristics:	full length, AA 1-363
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD23A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MAVTITLCTL QQQTFKIRME PDETIVKVLKE KIEAEKGRDA FPVAGQKLIY AGKILSDDVP IRDYRIDEKN FVWVMVTKTK AGQGTSAPPE ASPTAAPPESS TSFPPAPTSG MSHPPPAARE DKSPSEESAP TTSPESVSGS VPSSGSSGRE EDAASTLVTG SEYETMLTEI MSMGYERERV VAALRASYNM PHRAVEYLLT GIPGSPEPEH GSVQESQVSE QPATEAAGEN PLEFLRDQPQ FQNMQRVIQQ NPALLPALLQ QLGQENPQLL QQISRHQEQF IQMLNEPPGE LADISDVEGE VGAIGEEAPQ MNYIQVTPQE KEAIERLKLK GFPESLVIQA YFACEKNENL AANFLLSQNF DDE
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	RAD23A
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Target Details

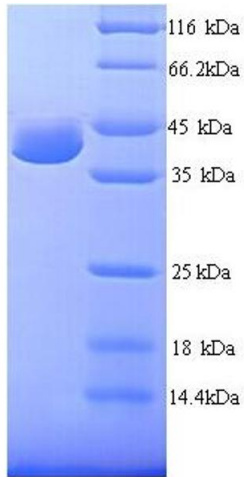
Alternative Name:	RD23A (RAD23A Products)
Background:	Multiubiquitin chain receptor involved in modulation of proteasomal degradation. Binds to 'Lys-48'-linked polyubiquitin chains in a length-dependent manner and with a lower affinity to 'Lys-63'-linked polyubiquitin chains. Proposed to be capable to bind simultaneously to the 26S proteasome and to polyubiquitinated substrates and to deliver ubiquitinated proteins to the proteasome. Involved in nucleotide excision repair and is thought to be functional equivalent for RAD23B in global genome nucleotide excision repair (GG-NER) by association with XPC. In vitro, the XPC:RAD23A dimer has NER activity. Can stabilize XPC. Involved in vpr-dependent replication of HIV-1 in non-proliferating cells and primary macrophages. Required for the association of HIV-1 vpr with the host proteasome.
Molecular Weight:	41.6 kDa
UniProt:	P54725
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.