

Datasheet for ABIN7555111

RAD51AP2 Protein (AA 1-1159) (His tag)



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Overview

Quantity:	1 mg
Target:	RAD51AP2
Protein Characteristics:	AA 1-1159
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD51AP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RAD51AP2 Protein expressed in mammalian cells.
Sequence:	<p>MSLPQPTPRM AELRKPTSSL TPPEDPDSQP PSSKRLCLEE PGGVFKAGWR LPLVPRLSEA</p> <p>EKWELSPRP FKLLVSTNA IFDNSTDSCV EKSMSGKQIC NLKCSNLKFQ MSSCLQSPPS</p> <p>QSPDSDLRAS GRSEAGLHDR EAFSVHRSNS SKAGVSQLLP STSIHDIHGI RNENRKQQFV</p> <p>QGRDNVHKEN PFLDVTFYKE TKSPFHEIKN RCKANSVVPS NKRENNISSS VLKISKSQNN</p> <p>PSLEIAKPSY FRDSGTISVP QFPMDLNSKM SSVYLKEIAK KKNDKKEAYV RDFTNIYWSQ</p> <p>NRPDVKKQKL QNDKKTVEAE NIFSKCYEND YPSLSSQNTC KRKDLISSNY CNCSSIQCNV</p> <p>RDSRKNFAIL ENANWEEAEC LDSYVLTRE KSNWDCNVR HILRRNRGNC WIINNCKTKC</p> <p>ENMKKTEEKW NWLLLLLEIDL LSKEDYHCAK VINAYEEQSK LLVREILGSQ TALITTVWLN</p> <p>GKGENDNTLQ LRYNTTQKVF HVNNPFESFI IEIFYFHKSI SGNKKDNSIL TCCNILKCKK</p> <p>QIGIIGIQL ITRNMNTNIK NGILSIYLQD SVSEPLDILL KTNIAFLNN FDSLTRIEND FELEEECIFK</p> <p>CMLYLKYPKN IVENHTAYLV KILTSSRLLE DNMKPMLKKR KLFRTQEVFE KSKKKLINSF</p> <p>SMTTQNTGFP IFETYEKIPL LMDFDDMDEI SLIREITCQN MSCPQQVVNV ENWAHYNSSST</p>

Product Details

VKAHGNSCPQ FIQNNRGYIN ENFYEVNMHS QDLNMERKQG HNKISNFDCE HIFEDLCNVR
QQAIPASHNI IHNEETHHTS ITQVLNFWNL LSEIEEKKYD LILKEEVKVT AESLTNSCQV
HKDTKIEKEE KDSFFPMDDM FSVQSVSLIS KEVNVEENKY VNQNYVTNTN EYESILPERE
IANSKDFHRK NDSALYINHQ FETGLSEGND ECFQDLAAKY LSTEALTIVK DFEMKRKFDL
VLEELRMFHE ISRENELLST VETNNGQENY FGENDAEEKVK MEIEKDLKVM VVNKIRASSS
FHDTIAGPNM GKSHQSLFKW KTVPNNGEQE VPNESCYPSPR SEEELLYSTS EKDCETPLPK
RPAFLPDECK EEFNYLLRGG SHFPHGISRV RPLKTCSRPI RIGLSRKARI KQLHPYLKQM
CYGNLKENF **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: RAD51AP2

Alternative Name: RAD51AP2 ([RAD51AP2 Products](#))

Background: RAD51-associated protein 2

Target Details

Molecular Weight: 133.9 kDa

UniProt: [Q09MP3](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months