

WD repeat-containing protein 1 Recombinant Protein | WDR1 recombinant protein

Recombinant Human WD repeat-containing protein 1

CATALOG # AAA81627	HOST E Coli
------------------------------	-----------------------

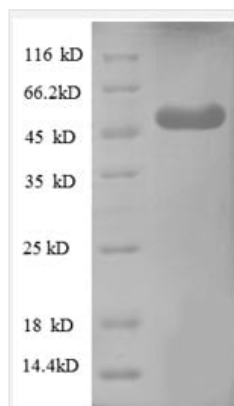
PRODUCT SYNONYMS

WD repeat-containing protein 1; Recombinant Human WD repeat-containing protein 1; Actin-interacting protein 1; AIP1NORI-1; WDR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	189-461aa; Partial-length of Isoform 2
Sequence	HKNGGKSYIY SGSHDGHINY WSETGENDS FAGKGHTNQV SRMTVDESGQ LISCSMDDTV RYTSMLRDY SGQG VVKLDV QPKC VAVGPG GYAV VVCIGQ IVLLKDQRKC FSIDNPGYEP EVVAVHPGGD TVAIGGVDGN VRLYSILGTT LKDEGKLLEA KGPVTDVAYS HDGAFLAVCD ASKVVTVFSV ADGYSENNVF YGHHAKIVCL AWSPDNEHFA SGGMDMMVYV WTLSDPETRV KIQDAHRLHH VSSLAWLDEH TLVTTSHDAS VKE
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for WDR1 recombinant protein	Induces disassembly of actin filaments in conjunction with ADF/cofilin family proteins.
Product Categories/Family for WDR1 recombinant protein	Signal Transduction

References

A gene upregulated in the acoustically damaged chick basilar papilla encodes a novel WD40 repeat protein.Adler H.J., Winnicki R.S., Gong T.-W.L., Lomax M.I.Genomics 56:59-69(1999) Abe Y., Nezu K., Ueda N. Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004) Generation and annotation of the DNA sequences of human chromosomes 2 and 4.Hillier L.W., Graves T.A., Fulton R.S., Fulton L.A., Pepin K.H., Minx P., Wagner-McPherson C., Layman D., Wyllie K., Sekhon M., Becker M.C., Fewell G.A., Delehaunty K.D., Miner T.L., Nash W.E., Kremitzki C., Oddy L., Du H., Sun H., Bradshaw-Cordum H., Ali J., Carter J., Cordes M., Harris A., Isak A., van Brunt A., Nguyen C., Du F., Courtney L., Kalicki J., Ozersky P., Abbott S., Armstrong J., Belter E.A., Caruso L., Cedroni M., Cotton M., Davidson T., Desai A., Elliott G., Erb T., Fronick C., Gaige T., Haakenson W., Haglund K., Holmes A., Harkins R., Kim K., Kruchowski S.S., Strong C.M., Grewal N., Goyea E., Hou S., Levy A., Martinka S., Mead K., McLellan M.D., Meyer R., Randall-Maher J., Tomlinson C., Dauphin-Kohlberg S., Kozlowicz-Reilly A., Shah N., Swearengen-Shahid S., Snider J., Strong J.T., Thompson J., Yoakum M., Leonard S., Pearman C., Trani L., Radionenko M., Waligorski J.E., Wang C., Rock S.M., Tin-Wollam A.-M., Maupin R., Latreille P., Wendl M.C., Yang S.-P., Pohl C., Wallis J.W., Spieth J., Bieri T.A., Berkowicz N., Nelson J.O., Osborne J., Ding L., Meyer R., Sabo A., Shotland Y., Sinha P., Wohldmann P.E., Cook L.L., Hickenbotham M.T., Eldred J., Williams D., Jones T.A., She X., Ciccarelli F.D., Izaurralde E., Taylor J., Schmutz J., Myers R.M., Cox D.R., Huang X., McPherson J.D., Mardis E.R., Clifton S.W., Warren W.C., Chinwalla A.T., Eddy S.R., Marra M.A., Ovcharenko I., Furey T.S., Miller W., Eichler E.E., Bork P., Suyama M., Torrents D., Waterston R.H., Wilson R.K.Nature 434:724-731(2005) Exploring proteomes and analyzing protein processing by mass spectrometric identification of sorted N-terminal peptides.Gevaert K., Goethals M., Martens L., Van Damme J., Staes A., Thomas G.R., Vandekerckhove J.Nat. Biotechnol. 21:566-569(2003) The full-ORF clone resource of the German cDNA consortium.Bechtel S., Rosenfelder H., Duda A., Schmidt C.P., Ernst U., Wellenreuther R., Mehrle A., Schuster C., Bahr A., Bloecker H., Heubner D., Hoerlein A., Michel G., Wedler H., Koehrer K., Ottenwaelder B., Poustka A., Wiemann S., Schupp I.BMC Genomics 8:399-399(2007) Lubec G., Afjehi-Sadat L.Submitted (MAR-2007) to UniProtKB Immunoaffinity profiling of tyrosine phosphorylation in cancer cells.Rush J., Moritz A., Lee K.A., Guo A., Goss V.L., Spek E.J., Zhang H., Zha X.-M., Polakiewicz R.D., Comb M.J.Nat. Biotechnol. 23:94-101(2005) Quantitative phosphoproteomic analysis of T cell receptor signaling reveals system-wide modulation of protein-protein interactions.Mayya V., Lundgren D.H., Hwang S.-I., Rezaul K., Wu L., Eng J.K., Rodionov V., Han D.K.Sci. Signal. 2:RA46-RA46(2009) Lysine acetylation targets protein complexes and co-regulates major cellular functions.Choudhary C., Kumar C., Gnad F., Nielsen M.L., Rehman M., Walther T.C., Olsen J.V., Mann M.Science 325:834-840(2009) Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011) Proteomic analysis of podosome fractions from macrophages reveals similarities to spreading initiation centres.Cervero P., Himmel M., Kruger M., Linder S.Eur. J. Cell Biol. 91:908-922(2012) N-terminal acetylome analyses and functional insights of the N-terminal acetyltransferase NatB.Van Damme P., Lasa M., Polevoda B., Gazquez C., Elosegui-Artola A., Kim D.S., De Juan-Pardo E., Demeyer K., Hole K., Larrea E., Timmerman E., Prieto J., Arnesen T., Sherman F., Gevaert K., Aldabe R.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012) An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014)

NCBI AND UNIPROT INFORMATION

NCBI GI #	53729352
NCBI GeneID	9948
NCBI Accession #	NP_005103.2

NCBI GenBank Nucleotide #	NM_005112.4
UniProt Accession #	O75083 ; O75313 ; Q8N6E5 ; Q9UG05 ; Q9UG78 ; Q9UQE0 ; A8K6E9 ; A8MPU4
Molecular Weight	56.4 kDa
NCBI Official Full Name	WD repeat-containing protein 1 isoform 2
NCBI Official Synonym Full Names	WD repeat domain 1
NCBI Official Symbol	WDR1
NCBI Official Synonym Symbols	AIP1; NORI-1; HEL-S-52
NCBI Protein Information	WD repeat-containing protein 1
UniProt Protein Name	WD repeat-containing protein 1
UniProt Gene Name	WDR1
UniProt Synonym Gene Names	AIP1
UniProt Entry Name	WDR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/wdr1-recombinant-protein-e-coli/81627>