

Talin-1 Recombinant Protein | TLN1 recombinant protein

Recombinant Human Talin-1

CATALOG # AAA15928	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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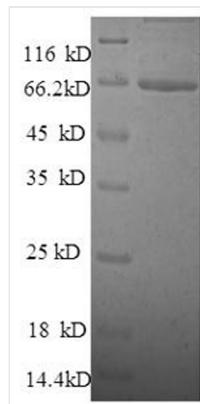
PRODUCT SYNONYMS

Talin-1; Recombinant Human Talin-1; TLN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	92-399aa; Full Length of Mature Protein
Sequence	MLDGTVKTIM VDDSKVTDM LMTICARIGI TNHDEYSLVR ELMEEKKEEI TGTLRKDKTL LRDEKKMEKL KQKLHTDDEL NWLDHGRTL R EQGV EEHETL LLRRKFFYSD QNVDSRDPVQ LNLLYVQARD DILNGSHPVS FDKACEFAGF QCQIQFGPHN EQKHKAGFLD LKDFLPKEYV KQKGERKIFQ AHKNCGQMSE IEAKVRYVKL ARSLKTYGVS FFLVKEKMKG KNKLVPRLLG ITKECVMRVD EKTKEVIQEW NLNKRWAA SPKSFTLDFG DYQDGYYSVQ TTEGEQIAQL IAGYIDII
Species	Human
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 TLN1 recombinant protein	Probably involved in connections of major cytoskeletal structures to the plasma membrane. High molecular weight cytoskeletal protein concentrated at regions of cell-substratum contact and, in lymphocytes, at cell-cell contacts.
Product Categories/Family for TLN1 recombinant protein	Signal Transduction

References

Complete cDNA sequence of human talin.Mao L., Fan Y.H.Characterization of the human talin (TLN) gene genomic structure, chromosomal localization, and expression pattern.Ben-Yosef T., Francomano C.A.Genomics 62:316-319(1999) Prediction of the coding sequences of unidentified human genes. XIV. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro.Kikuno R., Nagase T., Ishikawa K., Hirose M., Miyajima N., Tanaka A., Kotani H., Nomura N., Ohara O.DNA Res. 6:197-205(1999) Construction of expression-ready cDNA clones for KIAA genes manual curation of 330 KIAA cDNA clones.Nakajima D., Okazaki N., Yamakawa H., Kikuno R., Ohara O., Nagase T.DNA Res. 9:99-106(2002) DNA sequence and analysis of human chromosome 9.Humphray S.J., Oliver K., Hunt A.R., Plumb R.W., Loveland J.E., Howe K.L., Andrews T.D., Searle S., Hunt S.E., Scott C.E., Jones M.C., Ainscough R., Almeida J.P., Ambrose K.D., Ashwell R.I.S., Babbage A.K., Babbage S., Bagguley C.L., Bailey J., Banerjee R., Barker D.J., Barlow K.F., Bates K., Beasley H., Beasley O., Bird C.P., Bray-Allen S., Brown A.J., Brown J.Y., Burford D., Burrill W., Burton J., Carder C., Carter N.P., Chapman J.C., Chen Y., Clarke G., Clark S.Y., Clee C.M., Clegg S., Collier R.E., Corby N., Crosier M., Cummings A.T., Davies J., Dharni P., Dunn M., Dutta I., Dyer L.W., Earthrowl M.E., Faulkner L., Fleming C.J., Frankish A., Frankland J.A., French L., Fricker D.G., Garner P., Garnett J., Ghori J., Gilbert J.G.R., Glison C., Grafham D.V., Gribble S., Griffiths C., Griffiths-Jones S., Grocock R., Guy J., Hall R.E., Hammond S., Harley J.L., Harrison E.S.I., Hart E.A., Heath P.D., Henderson C.D., Hopkins B.L., Howard P.J., Howden P.J., Huckle E., Johnson C., Johnson D., Joy A.A., Kay M., Keenan S., Kershaw J.K., Kimberley A.M., King A., Knights A., Laird G.K., Langford C., Lawlor S., Leongamornlert D.A., Leversha M., Lloyd C., Lloyd D.M., Lovell J., Martin S., Mashreghi-Mohammadi M., Matthews L., McLaren S., McLay K.E., McMurray A., Milne S., Nickerson T., Nisbett J., Nordsiek G., Pearce A.V., Peck A.I., Porter K.M., Pandian R., Pelan S., Phillimore B., Povey S., Ramsey Y., Rand V., Scharfe M., Sehra H.K., Shownkeen R., Sims S.K., Skuce C.D., Smith M., Steward C.A., Swarbreck D., Sycamore N., Tester J., Thorpe A., Tracey A., Tromans A., Thomas D.W., Wall M., Wallis J.M., West A.P., Whitehead S.L., Willey D.L., Williams S.A., Wilming L., Wray P.W., Young L., Ashurst J.L., Coulson A., Blocker H., Durbin R.M., Sulston J.E., Hubbard T., Jackson M.J., Bentley D.R., Beck S., Rogers J., Dunham I.Nature 429:369-374(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	223029410
NCBI GeneID	7094
NCBI Accession #	NP_006280.3
NCBI GenBank Nucleotide #	NM_006289.3
UniProt Accession #	Q9Y490; Q86YD0; Q9NZQ2; Q9UHH8; Q9UPX3; A6NMY0
Molecular Weight	62.8 kDa
NCBI Official Full Name	taln-1
NCBI Official Synonym Full Names	taln 1
NCBI Official Symbol	TLN1
NCBI Official Synonym Symbols	TLN; ILWEQ
NCBI Protein Information	taln-1
UniProt Protein Name	Taln-1
UniProt Gene Name	TLN1
UniProt Synonym Gene Names	KIAA1027; TLN
UniProt Entry Name	TLN1_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.