

Epiplakin Recombinant Protein | EPPK1 recombinant protein

Recombinant Human Epiplakin

CATALOG # AAA113916	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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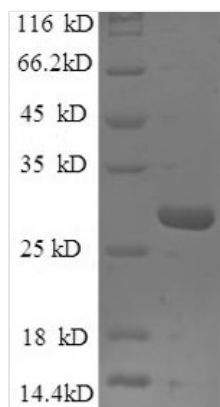
PRODUCT SYNONYMS

Epiplakin; Recombinant Human Epiplakin; 450 kDa epidermal antigen; EPPK1 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	1-225aa; Partial
Sequence	MSGHTLPPLP VPGTNSTEQA SVPRAMAATL GAGTPPRPQA RSIAGVYVEA SGQAQSVYAA MEQGLLPAGL GQALLEAQAA TGGLVDLARG QLLPVSKALQ QGLVGLELKE KLLAAERATT GYPDPYGGEK LALFQAIGKE VVDRALGQSW LEVQLATGGL VDPAQGV LVA PEPACHQGLL DRETWHKLSE LEPGTGDLRF LNPNTLERLT YHQLLERCVR APGSG
Sequence Length	5088
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

Product Categories/Family for EPPK1 recombinant protein	Signal Transduction
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References	Epiplakin, a novel member of the plakin family originally identified as a 450-kDa human epidermal autoantigen structure and tissue localization. Fujiwara S., Takeo N., Otani Y., Parry D.A.D., Kunimatsu M., Lu R., Sasaki M., Matsuo N., Khaleduzzaman M., Yoshioka H.J. <i>Biol. Chem.</i> 276:13340-13347(2001) Structure and heterogeneity of the human gene for epiplakin (EPPK1) .Takeo N., Wang W., Matsuo N., Sumiyoshi H., Yoshioka H., Fujiwara S.J. <i>Invest. Dermatol.</i> 121:1224-1226(2003) 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. <i>Nat. Biotechnol.</i> 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. <i>BMC Genomics</i> 8:399-399(2007) Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen J.V., Blagoev B., Gnad F., Macek B., Kumar C., Mortensen P., Mann M. <i>Cell</i> 127:635-648(2006) A quantitative atlas of mitotic phosphorylation. Dephoure N., Zhou C., Villen J., Beausoleil S.A., Bakalarski C.E., Elledge S.J., Gygi S.P. <i>Proc. Natl. Acad. Sci. U.S.A.</i> 105:10762-10767(2008) Large-scale proteomics analysis of the human kinome. Oppermann F.S., Gnad F., Olsen J.V., Hornberger R., Greff Z., Keri G., Mann M., Daub H. <i>Mol. Cell. Proteomics</i> 8:1751-1764(2009) Quantitative phosphoproteomics reveals widespread full phosphorylation site occupancy during mitosis. Olsen J.V., Vermeulen M., Santamaria A., Kumar C., Miller M.L., Jensen L.J., Gnad F., Cox J., Jensen T.S., Nigg E.A., Brunak S., Mann M. <i>Sci. Signal.</i> 3:RA3-RA3(2010) Initial characterization of the human central proteome. Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuegger T., Bennett K.L., Superti-Furga G., Colinge J. <i>BMC Syst. Biol.</i> 5:17-17(2011) System-wide temporal characterization of the proteome and phosphoproteome of human embryonic stem cell differentiation. Rigbolt K.T., Prokhorova T.A., Akimov V., Henningsen J., Johansen P.T., Kratchmarova I., Kassem M., Mann M., Olsen J.V., Blagoev B. <i>Sci. Signal.</i> 4:RS3-RS3(2011) 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. <i>Proteomics</i> 96:253-262(2014)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	525507390
NCBI GeneID	83481
NCBI Accession #	NP_112598.3
NCBI GenBank Nucleotide #	NM_031308.3
UniProt Accession #	P58107; Q76E58; Q9NSU9
Molecular Weight	27.5 kDa
NCBI Official Full Name	epiplakin
NCBI Official Synonym Full Names	epiplakin 1
NCBI Official Symbol	EPPK1
NCBI Official Synonym Symbols	EPIPL; EPIPL1
NCBI Protein Information	epiplakin
UniProt Protein Name	Epiplakin
UniProt Gene Name	EPPK1
UniProt Synonym Gene Names	EPIPL
UniProt Entry Name	EPIPL_HUMAN

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