

Product datasheet

Recombinant Human Periostin protein ab73235

概述

产品名称	重组人Periostin蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

种属	Human
序列	<p>MGHHHHHHHH HHSSGHIEGR HMR-NNHYDKI</p> <p>LAHSRIRGRD QGPNVCALQQ ILGTKKKYFS</p> <p>TCKNWKYSI CGQKTTVLYE CCPGYMRMEG</p> <p>MKGCPAVLPI DHVYGTLGIV GATTTQRYSD</p> <p>ASKLREEIEG KGSFTYFAPS NEAWDNLDSD</p> <p>IRRGLESNVN VELLNALHSH MINKRMLTKD</p> <p>LKNGMIIPSM YNNLGLFINH YPNGVVTVNC</p> <p>ARIIHGNQIA TNGVVHVIDR VLTQIGTSIQ</p> <p>DFIEAEDDLS SFRAAAITSD ILEALGRDGH</p> <p>FTLFAPTNEA FEKLPRGVLE</p> <p>RFMGDKVASEALMKYHILNT LQCSSEIMGG</p> <p>AVFETLEGNT IEIGCDGDSI TVNGIKMVNK</p> <p>KDIVTNGVI HLIDQVLIPD SAKQVIELAG</p> <p>KQTTFTDLV AQLGLASALR PDGEYTLAP</p> <p>VNNAFSDDL SMVQRLLKLI LQNHLKVKV</p> <p>GLNELYNGQI LETIGGKQLR VVYRTAVCI</p> <p>ENSCMEKGSK QGRNGAIHIF REIKPAEKS</p> <p>LHEKQDKR FSTFLSLLEA ADLKELLTQP</p> <p>GDWTLFVPTN DAFKGMTSEE KEILIRDKNA</p> <p>LQNIILYHLT PGVFIGKGFV PGVTNLIKTT</p> <p>QGSKIPLKEV NDTLLVNEK SKESDIMTTN</p> <p>GVIVVVDKLL YPADTPVGNL QLEILNKLI</p> <p>KYIQIKFVRG STFKEIPVTV Y</p>

氨基酸	22 to 669
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标签	His tag N-Terminus
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技术指标

Our [Abpromise guarantee](#) covers the use of **ab73235** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Western blot ELISA
纯度	> 90 % SDS-PAGE. ab73235 is purified by a three-step procedure using affinity Ni-NTA chromatography and size exclusion chromatography before and after refolding.
形式	Lyophilised

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.05M Acetate buffer, pH4.
复溶	Add 0.2 ml of 0.1M Acetate buffer pH4 and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited.

常规信息

功能	Binds to heparin. Induces cell attachment and spreading and plays a role in cell adhesion. May play a role in extracellular matrix mineralization.
组织特异性	Widely expressed with highest levels in aorta, stomach, lower gastrointestinal tract, placenta, uterus and breast. Up-regulated in epithelial ovarian tumors. Not expressed in normal ovaries. Also highly expressed at the tumor periphery of lung carcinoma tissue but not within the tumor. Overexpressed in breast cancers.
序列相似性	Contains 1 EMI domain. Contains 4 FAS1 domains.
翻译后修饰	Gamma-carboxyglutamate residues are formed by vitamin K dependent carboxylation. These residues are essential for the binding of calcium.
细胞定位	Secreted > extracellular space > extracellular matrix.

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