abcam

Product datasheet

Recombinant human WISP3 protein ab50049

製品の詳細

製品名	Recombinant human WISP3 protein
生理活性	Biological Activity : The ED_{50} was determined by the dose-dependant proliferation of the MCF-7 cell line. The expected ED_{50} for this effect is 0.2-0.3 µg/ml.
精製度	> 98 % SDS-PAGE. Greater than 98% by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	TGPLDTTPEG RPGEVSDAPQ RKQFCHWPCK CPQQKPRCPP GVSLVRDGCG CCKICAKQPG EICNEADLCD PHKGLYCDYS VDRPRYETGV CAYLVAVGCE FNQVHYHNGQ VFQPNPLFSC LCVSGAIGCT PLFIPKLAGS HCSGAKGGKK SDQSNCSLEP LLQQLSTSYK TMPAYRNLPL IWKKKCLVQA TKWTPCSRTC GMGISNRVTN ENSNCEMRKE KRLCYIQPCD SNILKTIKIP KGKTCQPTFQ LSKAEKFVFS GCSSTQSYKP TFCGICLDKR CCIPNKSKMI TIQFDCPNEG SFKWKMLWIT SCVCQRNCRE PGDIFSELKI L

特性

Our **Abpromise guarantee** covers the use of **ab50049** in the following tested applications.

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

アプリケーション	SDS-PAGE Functional Studies
製品の状態	Lyophilized

前処理および保存

保存方法および安定性	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term. This product is an active protein and may elicit a biological response in vivo, handle with caution.
再構成	For lot specific reconstitution information please contact our Scientific Support Team.

関連情報

機能	Appears to be required for normal postnatal skeletal growth and cartilage homeostasis.
組織特異性	Predominant expression in adult kidney and testis and fetal kidney. Weaker expression found in placenta, ovary, prostate and small intestine. Also expressed in skeletally-derived cells such as synoviocytes and articular cartilage chondrocytes.
関連疾患	Defects in WISP3 are the cause of progressive pseudorheumatoid arthropathy of childhood (PPAC) [MIM:208230]. PPAC is an autosomal recessive disorder characterized by stiffness and swelling of joints, motor weakness and joint contractures. Signs and symptoms of the disease develop typically between three and eight years of age. This progressive disease is a primary disorder of articular cartilage with continued cartilage loss and destructive bone changes with aging.
配列類似性	Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 TSP type-1 domain.
細胞内局在	Secreted.

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