

Recombinant Human HYAL1 protein ab112304

1 图像

描述

产品名称	重组人HYAL1蛋白
表达系统	Wheat germ
Accession	<u>Q12794-3</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MAGTLQLGRALRPRGLWGFYGFPCYNYDFLSPNYTGQCPSG IRAQNDQL GWLWGQSRALYPSIYMPAVLEGTGKSQMYVQHRVAEAFRVAV AAGDPNLP VLPYVQIFYDTTNHFLPLDELEHSLGESAAQGAAGVVLWVSW ENTRTKES CQAIKEYMDTTLGPFILNVTSGALLCSQALCSGHGRCVRRTS HPKALLLL NPASFSIQLTPGGGPLSLRGALSLEDQAQMAVEFKCRCYPGW QAPWCERK SMW
预测分子量	54 kDa including tags
氨基酸	1 to 253
标签	GST tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab112304** in the following tested applications.

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

应用	ELISA SDS-PAGE Western blot
形式	Solid
补充说明	This product is useful for Antibody Production and Protein Array.

制备和贮存

稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

Glutathione is reduced

常规信息

功能

May have a role in promoting tumor progression. May block the TGFB1-enhanced cell growth.

组织特异性

Highly expressed in the liver, kidney and heart. Weakly expressed in lung, placenta and skeletal muscle. No expression detected in adult brain. Isoform 1 is expressed only in bladder and prostate cancer cells, G2/G3 bladder tumor tissues and lymph node specimens showing tumor invasive tumors cells. Isoform 3, isoform 4, isoform 5 and isoform 6 are expressed in normal bladder and bladder tumor tissues.

疾病相关

Defects in HYAL1 are the cause of mucopolysaccharidosis type 9 (MPS9) [MIM:601492]; also called hyaluronidase deficiency. MPS9 is a lysosomal storage disease characterized by high hyaluronan (HA) concentration in the serum. The clinical features are periarticular soft tissue masses, mild short stature and acetabular erosions, and absence of neurological or visceral involvement.

序列相似性

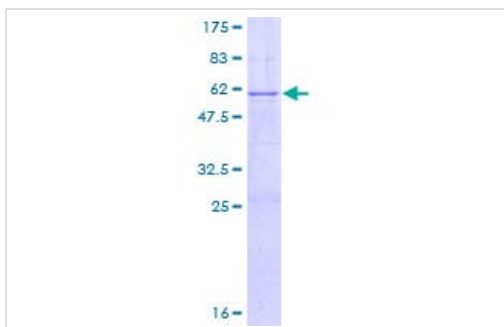
Belongs to the glycosyl hydrolase 56 family.

Contains 1 EGF-like domain.

细胞定位

Secreted. Lysosome.

图片



SDS-PAGE - Recombinant Human HYAL1 protein
(ab112304)

ab112304 analysed on a 12.5% SDS-PAGE gel stained with
Coomassie Blue

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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