

## Product datasheet

# Recombinant Human LAMC2 protein ab158812

### 1 图像

#### 描述

产品名称	重组人LAMC2蛋白
表达系统	Wheat germ
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	VDTRAKNAGVTIQDTLNTLDGLLHLMQPLSVDEEGLVLLEQ KLSRAKTQ INSQLRPMSELEERARQQRGHLHLLLETSIDGILADVKNLEN IRDNLPPG CYNTQALEQQ
氨基酸	1084 to 1193
标签	GST tag N-Terminus

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab158812** in the following tested applications.

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

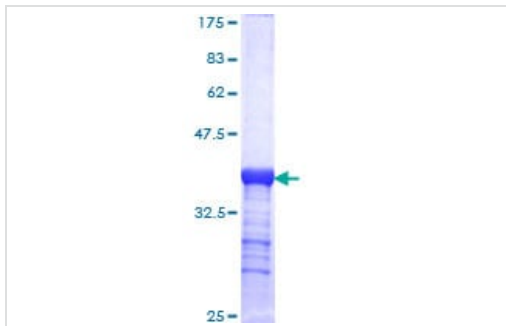
应用	ELISA Western blot
形式	Liquid
补充说明	

#### 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
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<b>功能</b>	Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Ladsin exerts cell-scattering activity toward a wide variety of cells, including epithelial, endothelial, and fibroblastic cells.
<b>组织特异性</b>	The large variant is expressed only in specific epithelial cells of embryonic and neonatal tissues. In 17-week old embryo the small variant is found in cerebral cortex, lung, and distal tubes of kidney, but not in epithelia except for distal tubuli.
<b>疾病相关</b>	Defects in LAMC2 are a cause of epidermolysis bullosa junctional Herlitz type (H-JEB) [MIM:226700]; also known as junctional epidermolysis bullosa Herlitz-Pearson type. JEB defines a group of blistering skin diseases characterized by tissue separation which occurs within the dermo-epidermal basement membrane. H-JEB is a severe, infantile and lethal form. Death occurs usually within the first six months of life. Occasionally, children survive to teens. H-JEB is marked by bullous lesions at birth and extensive denudation of skin and mucous membranes that may be hemorrhagic.
<b>序列相似性</b>	Contains 8 laminin EGF-like domains. Contains 1 laminin IV type A domain.
<b>结构域</b>	The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure. Domain IV is globular.
<b>细胞定位</b>	Secreted > extracellular space > extracellular matrix > basement membrane. Major component.

**图片**



ab158812 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human LAMC2 protein (ab158812)

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

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