

Recombinant Human LAMA5 Protein (3401-3692 aa), His-SUMO-tagged

Cat. No. LAMA5-1787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMA5 Protein (3401-3692 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	3401-3692 aa
Description	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 domain matrix components.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	47.1 kDa
AA Sequence	FVAQMEGLGTRLRAQSRQRSRPGRW HKVSVRWEKNRILLVTDGARAWSQEGPHR QHQA EHPQPHTLFVGGLPASSHSSKLPVTVGFSGCVKRLRLHGRPLGAPTRMAG VTPCILGPLEAGLFFPGSGGVITLDLPGATLPDVGLELEVRPLAVTGLIFHLGQARTPP YLQLQVTEKQVLLRADDGAGEFSTSVTRPSVLC DGQW HRLAVMKSGNVLRLEVDA QSNHTVG PLLAAAAGAPAPLYLGGLPEPMAVQPWPPAYCGCMRRLAVNRSPVAMT RSVEVHGAVGASGC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

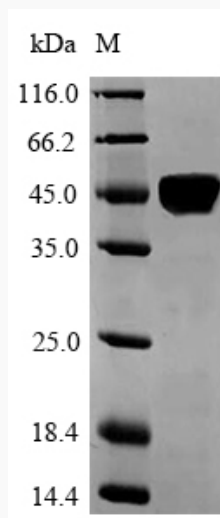
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	LAMA5 laminin, alpha 5 [Homo sapiens]
Official Symbol	LAMA5
Synonyms	LAMA5; laminin, alpha 5; laminin subunit alpha-5; laminin alpha-5 chain; KIAA1907;
Gene ID	3911
mRNA Refseq	NM_005560
Protein Refseq	NP_005551
MIM	601033
UniProt ID	O15230

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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