

Recombinant Mouse Hmcn1 Protein, His&GST-tagged

Cat. No. Hmcn1-2245M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hmcn1 Protein (Gly22-Val153) with a N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly22-Val153
Description	Predicted to enable calcium ion binding activity. Predicted to be an extracellular matrix structural constituent. Acts upstream of or within response to bacterium. Located in several cellular components, including basement membrane; cell cortex; and extracellular region. Is expressed in several structures, including brain; early embryo; olfactory epithelium; skin; and tongue. Human ortholog(s) of this gene implicated in age related macular degeneration 1. Orthologous to human HMCN1 (hemicentin 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.4 kDa Accurate Molecular Mass: 45 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Hmcn1 hemicentin 1 [Mus musculus (house mouse)]
Official Symbol	Hmcn1
Synonyms	Hmcn1; hemicentin 1; Gm201; FIBL-6; EG545370; hemicentin-1 fibulin-6
Gene ID	545370
mRNA Refseq	NM_001024720
Protein Refseq	NP_001019891

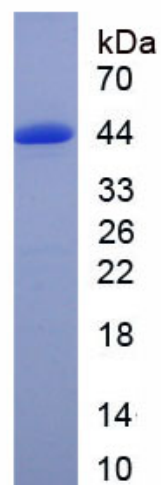
 Tel: 1-631-559-9269 1-516-512-3133

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q8C716

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA