

Recombinant Human PLEKHM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PLEKHM1-2669H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PLEKHM1 MS Standard C13 and N15-labeled recombinant protein (NP_055613) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is essential for bone resorption, and may play a critical role in vesicular transport in the osteoclast. Mutations in this gene are associated with autosomal recessive osteopetrosis type 6 (OPTB6). Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	117.4 kDa
AA Sequence	MLSVVENGLDPQAAIPVIKKKLVGSVKALQKQYVSLDTVVTSEDGDANTMCSALEAV FIHGLHAKHIRAEAGGKRKKSAAHQKPLQPVPFWPLLKAVTHKHIISELEHLTFVNTDV GRCRAWLRLALNDGLMECYLKLLLQEQLHEYYQPTALLRDAEEGEFLLSFLQGL TSLSFELSYKSAILNEWTLTPLALSGLCPLSELDPSTSGAELQRKESLDSISHSSGSE DIEVHHSGHKIRRNQKLTASSLSLDTASSSQLSCSLNSDSCLLQENGSKSPDHCEEP MSCDSDLGTANAEDSDRSLQEVLLLEFSKAQVNSVPTNGLSQETEIPTPQASLSLHGL NTSTYLHCEAPAEPLPAQAASGTQDGVHVQEPRPQAPSPLDLQQPVESTSGQQPS STVSETAREVGQGNGLQKAQAHDGAGLKLTVSSPTSPKNKSWISEDDFYRPSREQ PLESASDHPIASYRGTPGSRPGLHRHFSQEPRKNCSLGALDQACVPSPGRRQAQA

 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

APSQGHKSFRVVHRRQMGLSNPFRGLMKLGTVERRGAMGIWKELFCELSPLEFRL
 YLSNEEHTCVENCSSLRCESVGPASDGRFELVFSGKKLALRASSQDEAEDWLDRV
 REALQKVRPQQEDEWVNVQYPDQPEEPPEAPQGCLSPDLLSEPAALQGTQFDW
 SSAQVPEPDAIKESLLYLYMDRTWMPYIFSLSLEALKCFRIRNNEKMLSDSHGVETIR
 DILPDTSLGGPSFFKIITAKAVLKLQAGNAEEAALWRDLVRKVLASYLETAEEAVTLG
 GSLDENCQEVLKFATRENGFLLQYLVAIPMEKGLDSQGCFCAGCSRQIGFSFVRPKL
 CAFSGLYYCDICHQDDASVIPARIHNWDLTKRPICRQALKFLTQIRAQPLINLQMVNA
 SLYEHVERMHLIGRRREQLLGDYLGLCRSGALKELSKRLNHRNYLLESPHRFSVA
 DLQQIADGVYEGFLKALIEFASQHVYHCDLCTQRGFICQICQHHDIIFFFEFDTTVRCA
 ECKTVFHQSCQAVVKKGCPRCARRRKYQEQNIFASGPTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PLEKHM1 pleckstrin homology and RUN domain containing M1 [Homo sapiens (human)]
Official Symbol	PLEKHM1
Synonyms	PLEKHM1; pleckstrin homology domain containing, family M (with RUN domain)

 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

member 1; pleckstrin homology domain-containing family M member 1; KIAA0356; 162 kDa adapter protein; PH domain-containing family M member 1; B2; AP162; OPTB6;

Gene ID [9842](#)

mRNA Refseq [NM_014798](#)

Protein Refseq [NP_055613](#)

MIM [611466](#)

UniProt ID [Q9Y4G2](#)

SDS-PAGE

