

Recombinant Human EPN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EPN1-4628H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EPN1 MS Standard C13 and N15-labeled recombinant protein (NP_037465) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the epsin protein family. The encoded protein binds clathrin and is involved in the endocytosis of clathrin-coated vesicles. Loss of function of this gene is associated with reduced tumor growth and progression in certain cancer types.
Molecular Mass	57.3 kDa
AA Sequence	MSTSSLRRQMKNIVHNYSEAEIKVREATSNDPWGPSSSLMSEIADLTYNVVFSEIM SMIWKRLNDHGKNWRHVYKAMTLMEYLIKTGSERVSQQCKENMYAVQTLKDFQYV DRDGKDQGVNVREKAKQLVALLRDEDRLREERAAHALKTKEKLAQTATASSAAVSGS PPPEAEQAWPQSSGEEELQLQLALAMSKEEADQEERIRRGDDLRLQMAIEESKRET GGKEESSLMDLADVFTAPAPAPTTDPWGGPAPMAAAVPTAAPTSDPWGGPPVPPA ADPWGGPAPTPASGDPWRPAAPAGPSVDPWGGTPAPAAGEGPTPDPWGSSDGG VPVSGPSASDPWTPAPAFSDPWGGSPAKPSTNGTTAGGFDTEPDEFSDFDRLRTA LPTSGSSAGELELLAGEVPARSPGAFDMSGVVRGSLAEAVGSPPPAATPTPTPPTRK TPESFLGPNAALVDLDSLVSRLPGPTPPGAKASNPFLPGGGPATGPSVTNPFQPAPP

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	ATLTNLQLRLSPVPPVPGAPPTYISPLGGGPGGLPPMMPPGPPAPNTNPFLLTRTRPL EQKLISEEDLAANDILDYKDDDDKV
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	EPN1 epsin 1 [Homo sapiens (human)]
Official Symbol	EPN1
Synonyms	EPN1; epsin 1; epsin-1; EPS-15-interacting protein 1; EH domain-binding mitotic phosphoprotein;
Gene ID	29924
mRNA Refseq	NM_013333
Protein Refseq	NP_037465
MIM	607262

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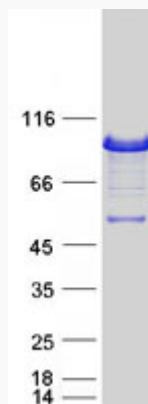
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UniProt ID

Q9Y6I3

SDS-PAGE

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