

Recombinant Human EPS8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EPS8-4513H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EPS8 MS Standard C13 and N15-labeled recombinant protein (NP_004438) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the EPS8 family. This protein contains one PH domain and one SH3 domain. It functions as part of the EGFR pathway, though its exact role has not been determined. Highly similar proteins in other organisms are involved in the transduction of signals from Ras to Rac and growth factor-mediated actin remodeling. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.
Molecular Mass	91.9 kDa
AA Sequence	MNGHISNHPSSFSGMYPSQMNGYGSSPTFSQTDREHGSKTSAKALYEQRKNYARDS VSSVSDISQYRVEHLTTFVLDRK DAMITVDDGIRKLKLLDAKGK VWTQDMILQVDDR AVSLIDLESKNELENFPLNTIQHCQAVMHSCSYDSVLALVCKEPTQNKPDHLHFQCD EVKANLISEDIESAISDSKGGKQKRRPDALRMISNADPSIPPPRAPAPAPP GTVTQV DVR SRVAAWSAWAADQGDFEKPRQYHEQEETPEMMAARIDRDVQILNHILDDIEFFI TKLQKAAEAFSELSKRKKNNKKGKRKGPGEVLT LRAKPPPPDEF LDC FQKFKHGFN LLAKLKSHIQNPSAADLVHFLFTPLNMVVQATGGPELASSVLSPLL NKDTIDFLNYTV

 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

NGDERQLWMSLGGTWMKARAEWPKEQFIPPYVPRFRNGWEPPMLNFMGATMEQ
 DLYQLAESVANVAEHQRKQEIKRLSTEHSVSEYHPADGYAFSSNIYTRGSHLDQG
 EAAVAFKPTSNRHIDRNYEPLKTQPKKYAKSKYDFVARNNSELSVLKDDILEILDDRK
 QWWKVRNASGDSGFVPNNILDIVRPPEGLGRADPPYTHTIQKQRM EYGPRPADT
 PPAPSPPTPVVPVPLPPSTPAPVPVSKVPANITRQNSSSSDSGGSIVRDSQRHKQ
 LPVDRRKSQMEEVQDELIHRLTIGRSAAQKKFHVPRQNPVINYDSTPEDVKTWL
 QSKGFNPVTVNSLGVNLGAQLFSLNKDELRTVCPEGARVYSQITVQKAALEDSSGS
 SELQEIMRRRQE KISAAASDSGVESFDEGSSHTRTRPLEQKLISEEDLAANDILDYKD
 DDDKV

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 EPS8 epidermal growth factor receptor pathway substrate 8 [Homo sapiens (human)]

Official Symbol EPS8

Synonyms EPS8; epidermal growth factor receptor pathway substrate 8; epidermal growth factor receptor kinase substrate 8;

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Gene ID	2059
mRNA Refseq	NM_004447
Protein Refseq	NP_004438
MIM	600206
UniProt ID	Q12929
SDS-PAGE	