

Recombinant Full Length Human EPS8 Protein, GST-tagged

Cat. No. EPS8-4406HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPS8 full-length ORF (NP_004438.3, 1 a.a. - 822 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	822 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	118.3 kDa
AA Sequence	MNGHISNHPSSFGMYPSQMNGYGSSPTFSQTDREHGSKTSAKALYEQRKNYARDS VSSVSDISQYRVEHLTTFVLDRKDAMITVDDGIRKLKLLDAKGKVTQDMILQVDDR AVSLIDLESKNELENFPLNTIQHCQAVMHSCSYDSVLALVCKEPTQNKPDHLHFQCD EVKANLISEDIESAISDSKGGKQKRRPDALRMISNADPSIPPPRAPAPAPPGTVTQV DVRSRVAAWSAWAADQGD FEKPRQYHEQEETPEMMAARIDRDVQILNHILDDIEFFI TKLQKAAEAFSELSKRKKNKKGKRKGPGEGVLT LRAKPPPDEF LDCFQKFKHGFN LLAKLKSHIQNPSAADLVHFLFTPLNMVVQATGGPELASSVLSPLLNKDTIDFLNYTV

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NGDERQLWMSLGGTWMKARAEWPKEQFIPPYVPRFRNGWEPPMLNFMGATMEQ
 DLYQLAESVANVAEHQRKQEIKRLSTEHSVSEYHPADGYAFSSNIYTRGSHLDQG
 EAAVAFKPTSNRHIDRNYEPLKTQPKKYAKSKYDFVARNNSELSVLKDDILEILDDRK
 QWWKVRNASGDSGFVPNNILDIVRPPEGLGRADPPYTHTIQKQRMEYGPRPADT
 PPAPSPPTPAPVPVPLPPSTPAPVPVSKVPANITRQNSSSSDSGGSIVRDSQRHKQ
 LPVDRRKSQMEEVQDELIHRLTIGRSAAQKKFHVPRQNVPVINITYDSTPEDVKTWL
 QSKGFNPVTVNSLGVLNGAQLFSLNKDELRTVCPEGARVYSQITVQKAALEDSSGS
 SELQEIMRRRQEKISAAASDSGVESFDEGSSH

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

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

Official Symbol

EPS8

Synonyms

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

Gene ID

2059

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mRNA Refseq	NM_004447
Protein Refseq	NP_004438
MIM	600206
UniProt ID	Q12929

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