

## Recombinant Human EPS8 Protein, GST-tagged

**Cat. No.** EPS8-3426H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human EPS8 full-length ORF ( NP_004438.3, 1 a.a. - 822 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 118.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MNGHISNHPSSFGMYPSQMNGYGSSPTFSQTDREHGSKTSAKALYEQRKNYARDS<br>VSSVSDISQYRVEHLTTFVLDRKDAMITVDDGIRKLKLLDAKGKVTQDMILQVDDR<br>AVSLIDLESKNELENFPLNTIQHCQAVMHSCSYDSVLALVCKEPTQNKPDHLHFQCD<br>EVKANLISEDIESAISDSKGGKQKRRPDALRMISNADPSIPPPRAPAPAPPGTVTQV<br>DVRSRVAAWSAWAADQGD FEKPRQYHEQEETPEMMAARIDRDVQILNHILDDIEFFI<br>TKLQKAAEAFSELSKRKKNNKKGKRKGPGEVLTLRAKPPPDEFDCFQKFKHGFN<br>LLAKLKSHIQNPSAADLVHFLFTPLNMVVQATGGPELASSVLSPLLNKDTIDFLNYTV<br>NGDERQLWMSLGGTWMKARAEWPKEQFIPPYVPRFRNGWEPPMLNFMGATMEQ             |

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

DLYQLAESVANVAEHQRKQEIKRLSTEHSSVSEYHPADGYAFSSNIYTRGSHLDQG  
 EAAVAFKPTSNRHIDRNYEPLKTQPKKYAKSKYDFVARNNSELSVLKDDILEILDDRK  
 QWWKVRNASGDSGFVPNNILDIVRPPEGLGRADPPYTHTIQKQRMIEYGPRPADT  
 PPAPSPPTPAPVPVPLPPSTPAPVPVSKVPANITRQNSSSSDSGGSIVRDSQRHKQ  
 LPVDRRKSQMEEVQDELIHRLTIGRSAAQKKFHVPRQNVPVINITYDSTPEDVKTWL  
 QSKGFNPVTVNSLGLVNGAQLFSLNKDELRTVCPEGARVYSQITVQKAALEDSSGS  
 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](#)

**mRNA Refseq**

[NM\\_004447](#)

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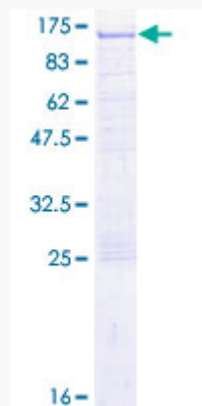
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**Protein Refseq** NP\_004438

**MIM** 600206

**UniProt ID** Q12929

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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