

Recombinant Full Length Human EPS15 Protein, Flag tagged

Cat. No. EPS15-04HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human epidermal growth factor receptor pathway substrate 15 (EPS15) with C-Flag tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-896 aa
Description	This gene encodes a protein that is part of the EGFR pathway. The protein is present at clatherin-coated pits and is involved in receptor-mediated endocytosis of EGF. Notably, this gene is rearranged with the HRX/ALL/MLL gene in acute myelogenous leukemias. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	98.5 kDa
AASequence	MAAAAQLSLTQLSSGNPVYEKYYRQVDTGNTGRVLASDAAFLKKSGLPDLILGKIW DLADTDGKGILNKQEFFVALRLVACAQNGLEVSLSSLNLAVPPPRFHDTSPLLISGT SAAELPWAVKPEDKAKYDAIFDSLSPVNGFLSGDKVKPVLLNSKLPVDILGRVWELS DIDHDGMLDRDEFAMFLVYCALEKEPVMSLPPALVPPSKRKTWVVSPEAKAKY DEIFLKTDKMDGFSVSGLEVREIFLKTGLPSTLLAHIWSLCDTKDCGKLSKDQFALAF HLISQKLIKIDPPHVLTPMIPPSDRASLQKNIIGSSPVADFSAIKELDTLNNEIVDLQR

 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

EKNNVEQDLKEKEDTIKQRTSEVQDLQDEVQRENTNLQKLQAQKQQVQELLDELDE
 QKAQLEEQLKEVRKKCAEEAQLISSLKAELTSQESQISTYEEELAKAREELSRLQQET
 AELEESVESGKAQLEPLQQHLQDSQQEISSMQMKLMEMKDLENHNSQLNWCSSPH
 SILVNGATDYCSLSTSSSETANLNEHVEGQSNLESEPIHQESPARSSPELLPSGVTD
 ENEVTTAVTEKVCSELDNNRHSKEEDPFNVDSSTLTGPVADTNLDFQSDPFVGS
 DPFKDDPFGKIDPFGGDPFKGSDPFASDCFFRQSTDPFATSSTDPFSAANNSSITSVE
 TLKHNDPFAPGGTVVAASDSATDPFASVFGNESFGGGFADFSTLSKVNNEPFRSA
 TSSSVSNVVITKNVFEETSVKSEDEPPALPPKIGTPTRPCPLPPGKRSINKLDSPDPF
 KLNDPFQPFPGNDSPKEKDPEIFCDPFTSATTTTNKEADPSNFANFSAYPSEEDMIE
 WAKRESEREEQRLARLNQQEQEDLELAIALSKSEISEATRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Notes For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration > 0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name EPS15 epidermal growth factor receptor pathway substrate 15 [Homo sapiens (human)]

Official Symbol EPS15

Synonyms EPS15; epidermal growth factor receptor pathway substrate 15; epidermal growth factor receptor substrate 15; AF 1P; MLLT5; protein AF-1p; ALL1 fused gene from

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chromosome 1; AF1P; AF-1P;

Gene ID 2060

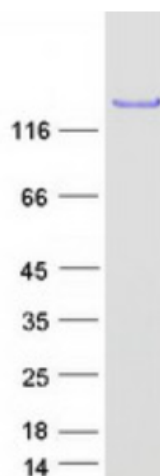
mRNA Refseq NM_001981

Protein Refseq NP_001972

MIM 600051

UniProt ID P42566

SDS-PAGE and WB



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