

Recombinant Human EPS15 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EPS15-2722H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EPS15 MS Standard C13 and N15-labeled recombinant protein (NP_001972) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that is part of the EGFR pathway. The protein is present at clathrin-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.
Molecular Mass	98.5 kDa
AA Sequence	MAAAQLSLTQLSSGNPVYEKYYRQVDTGNTGRVLASDAAFLKKSGLPDLILGKIW DLADTDGKGILNKQEFFVALRLVACAQNGLEVSLSSLNLAVPPPRFHDTSPLLISGT SAAELPWAVKPEDKAKYDAIFDSLSPVNGFLSGDKVKPVLLNSKLPVDILGRVWELS DIDHDGMLDRDEFAMFLVYCALEKEPVMSLPPALVPPSKRKTWVVSPEAKAKY DEIFLKTDKMDGFGVSGLEVREIFLKTGLPSTLLAHIWSLCDTKDCGKLSKDQFALAF HLISQKLIKIDPPHVLTPMIPPSDRASLQKNIIGSSPVADFSAIKELDTLNNEIVDLQR EKNNVEQDLKEKEDTIKQRTSEVQDLQDEVQRENTNLQKLQAQKQVQELLDELDE QKAQLEEQLEKEVRKKCAEEAQLISSLKAELTSQESQISTYEEELAKAREELSRLQQET

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AELEESVESGKAQLEPLQQHLQDSQQEISSMQMKLMEMKDLENHNSQLNWCSSPH
 SILVNGATDYCSLSTSSSETANLNEHVEGQSNLESEPIHQESPARSSPELLPSGVTD
 ENEVTTAVTEKVCSELDNNRHSKEEDPFNVDSSTLTGPVADTNLDDFFQSDPFVGS
 PFKDDPFGKIDPFGGDPFKGSDPFASDCFFRQSTDPFATSSTDPFSAANNSSITSVE
 TLKHNDPFAPGGTVVAASDSATDPFASVFGNESFGGGFADFSTLSKVNNEDPFRSA
 TSSSVSNVVITKNVFEETSVKSEDEPPALPPKIGTPTRPCPLPPGKRSINKLDSPDPF
 KLNDPFQPFPGNDSPKEKDPEIFCDPFTSATTTTNKEADPSNFANFSAYPSEEDMIE
 WAKRESEREEQRLARLNQQEQEDLELAIALSKSEISEATRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

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 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 chromosome 1; AF1P; AF-1P;

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Gene ID	2060
mRNA Refseq	NM_001981
Protein Refseq	NP_001972
MIM	600051
UniProt ID	P42566
SDS-PAGE	