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

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

## SPECIFICATION

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| **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 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 myelogeneous leukemias. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
| **Molecular Mass** | 98.5 kDa |
| **AA Sequence** | MAAAAQLSLTQLSSGNPVYEKYYRQVDTGNTGRVLASDAAAFLKKSGLPDLILGKIW DLADTDGKGILNKQEFFVALRLVACAQNGLEVSLSSLNLAVPPPRFHDTSSPLLISGT SAAELPWAVKPEDKAKYDAIFDSLSPVNGFLSGDKVKPVLLNSKLPVDILGRVWELS DIDHDGMLDRDEFAVAMFLVYCALEKEPVPMSLPPALVPPSKRKTWVVSPAEKAKY DEIFLKTDKDMDGFVSGLEVREIFLKTGLPSTLLAHIWSLCDTKDCGKLSKDQFALAF HLISQKLIKGIDPPHVLTPEMIPPSDRASLQKNIIGSSPVADFSAIKELDTLNNEIVDLQR EKNNVEQDLKEKEDTIKQRTSEVQDLQDEVQRENTNLQKLQAQKQQVQELLDELDE QKAQLEEQLKEVRKKCAEEAQLISSLKAELTSQESQISTYEEELAKAREELSRLQQET |

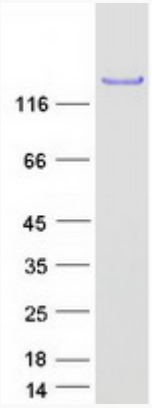
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| | AELEESVESGKAQLEPLQQHLQDSQQEISSMQMKLMEMKDLENHNSQLNWCSSPH SILVNGATDYCSLSTSSSETANLNEHVEGQSNLESEPIHQESPARSSPELLPSGVTD ENEVTTAVTEKVCSELDNNRHSKEEDPFNVDSSSLTGPVADTNLDFFQSDPFVGSD PFKDDPFGKIDPFGGDPFKGSDPFASDCFFRQSTDPFATSSTDPFSAANNSSITSVE TLKHNDPFAPGGTVVAASDSATDPFASVFGNESFGGGFADFSTLSKVNNEDPFRSA TSSSVSNVVITKNVFEETSVKSEDEPPALPPKIGTPTRPCPLPPGKRSINKLDSPDPF KLNDPFQPFPGNDSPKEKDPEIFCDPFTSATTTTNKEADPSNFANFSAYPSEEDMIE WAKRESEREEEQRLARLNQQEQEDLELAIALSKSEISEATRTRPLEQKLISEEDLAAN 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

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| **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** |  |



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