# Recombinant Human EIPR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** EIPR1-5859H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | TSSC1 MS Standard C13 and N15-labeled recombinant protein (NP_003301) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | This gene has been reported in PMID 9403053 as one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alignment of this gene to genomic sequence data suggests that this gene resides on chromosome 2 rather than chromosome 11. |
| **Molecular Mass** | 43.6 kDa |
| **AA Sequence** | MEDDAPVIYGLEFQARALTPQTAETDAIRFLVGTQSLKYDNQIHIIDFDDENNIINKNVL LHQAGEIWHISASPADRGVLTTCYNRTSDSKVLTCAAVWRMPKELESGSHESPDDS SSTAQTLELLCHLDNTAHGNMACVVWEPMGDGKKIISLADNHILLWDLQESSSQAVL ASSASLEGKGQLKFTSGRWSPHHNCTQVATANDTTLRGWDTRSMSQIYCIENAHG QLVRDLDFNPNKQYYLASCGDDCKVKFWDTRNVTEPVKTLEEHSHWVWNVRYNH SHDQLVLTGSSDSRVILSNMVSISSEPFGHLVDDDDISDQEDHRSEEKSKEPLQDNV |

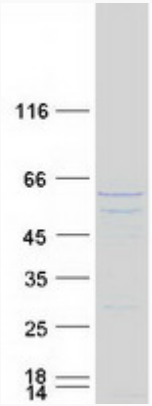
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| | IATYEEHEDSVYAVDWSSADPWLFASLSYDGRLVINRVPRALKYHILLTRTRPLEQKL ISEEDLAANDILDYKDDDDKV |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 3 months from receipt of products under proper storage 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** | EIPR1 EARP complex and GARP complex interacting protein 1 [ Homo sapiens (human) ] |
| **Official Symbol** | EIPR1 |
| **Synonyms** | EIPR1; EARP complex and GARP complex interacting protein 1; TSSC1; EIPR-1; EARP and GARP complex-interacting protein 1; EARP-interacting protein; Golgi-associated retrograde protein-interacting protein; endosome-associated recycling protein-interacting protein; protein TSSC1; tumor suppressing subtransferable candidate 1; tumor-suppressing STF cDNA 1 protein; tumor-suppressing subchromosomal transferable fragment candidate gene 1 protein; tumor-suppressing subtransferable fragment candidate gene 1 |
| **Gene ID** | 7260 |

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| **mRNA Refseq** | NM_003310 |
| **Protein Refseq** | NP_003301 |
| **MIM** | 608998 |
| **UniProt ID** | Q53HC9 |
| **SDS-PAGE** |  |



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