

Recombinant Human AKT1S1 protein, MYC/DDK-tagged

Cat. No. AKT1S1-25H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human AKT1S1, transcript variant 3, fused with MYC/DDK tag at C-terminal was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| Molecular Mass | 27.2 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Notes | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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| Gene Name | AKT1S1 AKT1 substrate 1 (proline-rich) [Homo sapiens] |
| Official Symbol | AKT1S1 |
| Synonyms | AKT1S1; AKT1 substrate 1 (proline-rich); proline-rich AKT1 substrate 1; Lobe; |

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|----------------------------|--|
| | MGC2865; PRAS40; proline rich Akt substrate; 40 kDa; 40 kDa proline-rich AKT substrate; proline-rich Akt substrate, 40 kDa; |
| Gene ID | 84335 |
| mRNA Refseq | NM_001098633 |
| Protein Refseq | NP_001092103 |
| MIM | 610221 |
| UniProt ID | Q96B36 |
| Chromosome Location | 19q13.33 |
| Pathway | AKT phosphorylates targets in the cytosol, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; Downstream signaling of activated FGFR, organism-specific biosystem; GAB1 signalosome, organism-specific biosystem; |
| Function | protein binding; |

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