

Recombinant Human AKT1S1 Protein, GST-tagged

Cat. No. AKT1S1-1935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKT1S1 Protein(131-256 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	131-256 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence	MDEDATLQDLPPFCESDPESTDDGSLSEETPAGPPTCSVPPASALPTQQYAKSLPV SVPVWGFKEKRTEARSSDEENGPPSSPDLDRIAASMRALVLREAEDTQVFGDLPRP RLNTSDFQKLKRKY
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GENE INFORMATION

Gene Name	AKT1S1 AKT1 substrate 1 (proline-rich) [Homo sapiens]
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Official Symbol	AKT1S1
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Synonyms	AKT1S1; AKT1 substrate 1 (proline-rich); proline-rich AKT1 substrate 1; Lobe; MGC2865; PRAS40; proline rich Akt substrate; 40 kDa; 40 kDa proline-rich AKT substrate; proline-rich Akt substrate, 40 kDa;
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Gene ID	84335
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mRNA Refseq	NM_001098632
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Protein Refseq	NP_001092102
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MIM	610221
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UniProt ID	Q96B36
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SDS-PAGE

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