

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence MDEDATLQDLPPFCESDPESTDDGSLSEETPAGPPTCSVPPASALPTQQYAKSLPV
SVPVWGFKEKRTEARSSDEENGPPSSPDLDRIAASMRALVLR EAEDTQVFGDLPRP
RLNTSDFQKLKRKY

GENE INFORMATION

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; 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_001098632](#)

Protein Refseq [NP_001092102](#)

MIM [610221](#)

UniProt ID [Q96B36](#)

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SDS-PAGE



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