

# Recombinant Full Length Human AKT1S1 Protein, GST-tagged

**Cat. No.** AKT1S1-1382HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human AKT1S1 full-length ORF ( AAH16043.1, 1 a.a. - 256 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	256 amino acids
<b>Description</b>	AKT1S1 is a proline-rich substrate of AKT (MIM 164730) that binds 14-3-3 protein (see YWHAH, MIM 113508) when phosphorylated (Kovacina et al., 2003 [PubMed 12524439]).[supplied by OMIM, Mar 2008]
<b>Molecular Mass</b>	53.8 kDa
<b>AA Sequence</b>	MASGRPEELW EAVVGAAERF RARTGTELVL LTAAPPPPPR PGPCAYAAHG RGALAEAARR CLHDIALHR AATAARPPAP PPAPQPPSPT PSPPRPTLAR EDNEEDEDEP TETETSQEQL GISDNGGLFV MDEDATLQDL PPFCESDPES TDDGSLSEET PAGPPTCSVP PASALPTQQY AKSLPVSVPV WGFKEKRTEA RSSDEENGPP SSPDLDRIAA SMRALVLREA EDTQVFGDLP RPRLNTSDFQ KLKRKY
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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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