Recombinant Full Length Human AKT1S1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human AKT1S1 full-length ORF (AAH16043.1, 1 a.a. - 256 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	256 amino acids
Description	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]
Molecular Mass	53.8 kDa
AA Sequence	MASGRPEELW EAVVGAAERF RARTGTELVL LTAAPPPPPR PGPCAYAAHG RGALAEAARR CLHDIALAHR AATAARPPAP PPAPQPPSPT PSPPRPTLAR EDNEEDEDEP TETETSGEQL GISDNGGLFV MDEDATLQDL PPFCESDPES TDDGSLSEET PAGPPTCSVP PASALPTQQY AKSLPVSVPV WGFKEKRTEA RSSDEENGPP SSPDLDRIAA SMRALVLREA EDTQVFGDLP RPRLNTSDFQ KLKRKY
Applications	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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