

Recombinant Human PHLDA3 protein, GST-tagged

Cat. No. PHLDA3-1690H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHLDA3 protein (1-127aa), fused with GST-tag at the N-terminus, was expressed in Wheat Germ and purified by Glutathione Sepharose 4 Fast Flow.
Species	Human
Source	Wheat Germ
ProteinLength	1-127 a.a.
Description	p53/TP53-regulated repressor of Akt/AKT1 signaling. Represses AKT1 by preventing AKT1-binding to membrane lipids, thereby inhibiting AKT1 translocation to the cellular membrane and activation. Contributes to p53/TP53-dependent apoptosis by repressing AKT1 activity. Its direct transcription regulation by p53/TP53 may explain how p53/TP53 can negatively regulate AKT1. May act as a tumor suppressor.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	40.3 kDa
AA Sequence	MTAAATATVLKEGVLEKRSGLLQLWKRKRCVLTERGLQLFEAKGTGGRPKELSFA RIKAVECVESTGRHIYFTLVTEGGGEIDFRCPLEDPGWNAQITLGLVKFKNQQAIQTV RARQSLGTGTLVS
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

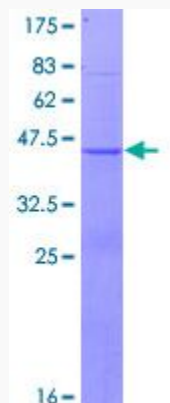
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Antibody Production; Protein Array

Notes Best use within three months from the date of receipt of this protein.**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.**GENE INFORMATION****Gene Name** PHLDA3**Official Symbol** PHLDA3**Synonyms** TIH1**Gene ID** 23612**mRNA Refseq** NM_012396.5**Protein Refseq** NP_036528.1**MIM** 607054**UniProt ID** Q9Y5J5 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



12.5% SDS-PAGE Stained with Coomassie Blue.

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