

DRAK1 (STK17A) Recombinant Protein | DRAK1 recombinant protein

DRAK1 (STK17A), Active

CATALOG # AAA73963	HOST Sf9 insect cells	APPLICATIONS Western Blot
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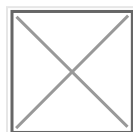
PRODUCT SYNONYMS

DRAK1 (STK17A); Active; DRAK1; STK17A; DRAK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for DRAK1 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for DRAK1 recombinant protein	Recombinant full-length human DRAK1 (STK17A) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The DRAK1 (STK17A) gene accession number is NM_004760. DRAK1 (STK17A) is a member of the DAP kinase-related apoptosis-inducing protein kinase family. DRAK1 encodes an autophosphorylated nuclear protein with a protein kinase domain which has apoptosis-inducing activity. DRAK1 is capable of autophosphorylation and of phosphorylating myosin light chain as an exogenous substrate. The noncatalytic C terminus of DRAK1 is crucial for full kinase activity (1). DRAK1 is highly expressed in placenta, but also in heart, lung, skeletal muscle, kidney, and pancreas. DRAK1 act as a novel direct target of p53 and a modulator of cisplatin toxicity and reactive oxygen species in testicular cancer cells (2).
Product Categories/Family for DRAK1 recombinant protein	Protein Kinases ; Apoptosis/Autophagy ; Metabolic Disorder ; Ser/Thr Kinases
References	1. Sanjo, H. et.al: DRAKs, novel serine/threonine kinases related to death-associated protein kinase that trigger apoptosis. J. Biol. Chem. 273: 29066-29071, 1998. 2. Mao P, et.al: Serine/threonine kinase 17A is a novel p53 target gene and modulator of cisplatin toxicity and reactive oxygen species in testicular cancer cells. J Biol Chem. 2011 Jun 3;286(22):19381-91.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_004760
Molecular Weight	~83kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/drak1-stk17a-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73963>