

DRAK2 (STK17B) Recombinant Protein | DRAK2 recombinant protein

DRAK2 (STK17B), Active

CATALOG # AAA73964	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

DRAK2 (STK17B); Active; DRAK2; STK17B; DRAK2 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 DRAK2 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 DRAK2 recombinant protein	Recombinant full-length human DRAK2 (STK17B) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The DRAK2 gene accession number is NM_004226. DRAK2 is a member of the serine/threonine kinase family and is related to death-associated protein kinase that triggers apoptosis (1). DRAK2 is selectively important for T-cell survival and inhibition of DRAK2 has therapeutic potential for autoimmune disease (2). T-cell survival depends on a balance of T-cell receptor and co-stimulatory signals and deficiency of DRAK2 can affect autoimmune disease susceptibility without generalized suppression of the immune system (3).
Product Categories/Family for DRAK2 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. Ramos, S. J. et.al: Enhanced T cell apoptosis within Drak2-deficient mice promotes resistance to autoimmunity. J. Immun. 181: 7606-7616, 2008.
3. McGargill, M. A. et.al: Drak2 regulates the survival of activated T cells and is required for organ-specific autoimmune disease. J. Immun. 181: 7593-7605, 2008.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_004226](#)

Molecular Weight

~69kDa

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/drak2-stk17b-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73964>