

VAC14 抗原（重组蛋白）

中文名称：VAC14 抗原（重组蛋白）

英文名称：VAC14 Antigen (Recombinant Protein)

别名：TRX; TAX1BP2; ArPIKfyve

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 583-782 amino acids of human VAC14

技术规格：

Full name:	VAC14 component of PIKFYVE complex
Synonyms:	TRX; TAX1BP2; ArPIKfyve
Swissprot:	Q08AM6
Gene Accession:	BC007214
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a scaffold protein that is a component of the PIKfyve protein kinase complex. This complex is responsible for the synthesis of phosphatidylinositol 3,5-bisphosphate, an important component of cellular membranes, from phosphatidylinositol 3-phosphate. Mice lacking a functional copy of this gene exhibit severe neurodegeneration. Mutations in the human gene have been identified in patients with a childhood onset progressive neurological disorder characterized by impaired movement, dystonia, and striatal abnormalities.