

Product Information

Recombinant Mouse Tek, His & GST tagged

Product Information

Catalog#	MK0718M
Product Name	Recombinant Mouse Tek, His & GST tagged
Product Overview	Recombinant Mouse Tek (Q02858) (Gln770-Ala1122), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Description	Tie2/Tek, together with Tie1/Tie, are members of the receptor tyrosine kinase (RTK) subfamily, and possess a unique extracellular domain containing two immunoglobulin-like loop domains flanking three epidermal growth factor (EGF) repeats followed by three fibronectin-type I/II repeats, and a split tyrosine kinase domain in the cytoplasmic region. Tie2 is expressed predominantly on endothelial and hematopoietic progenitor cells and is essential for blood vessel formation and maintenance. The identified ligan
Source	Baculovirus-Insect cells
Species	Mouse
Tag	His&GST
Formulation	Lyophilized from a 0.2µm filtered solution of 20mM Tris, 500mM NaCl, pH 8.0, 10% gly
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant mouse TEK/GST chimera consists of 590 amino acids and has a calculated molecular mass of 68.2kDa. The recombinant protein migrates as an approximately 68 kDa band in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.