Recombinant Human STK4/MST1 Protein (His Tag)

Catalog No. PKSH030365

Note: Centrifuge before opening to ensure complete recovery of vial contents.

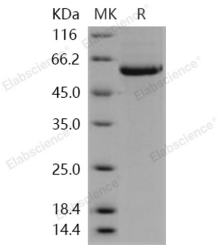
Description

Synonyms	KRS2;MST1;TIIAC;YSK3
Species	Human
Expression Host	Baculovirus-Insect Cells
Sequence	Glu 2-Phe 487
Accession	Q13043-1
Calculated Molecular Weight	58.0 kDa
Observed molecular weight	58 kDa
Tag	N-His
Bioactivity	The specific activity was determined to be 253 nmol/min/mg using MBP as substrate.

Properties

Purity	> 92 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as sterile solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol
Reconstitution	Not Applicable

Data



> 92 % as determined by reducing SDS-PAGE.

Background

MST1 protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds.

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