



Recombinant Protein Technical Manual

**Recombinant Human AK1/Adenylate kinase 1
Protein (His Tag)**
RPES2578

Product Data:

Product SKU: RPES2578

Size: 50µg

Species: Human

Expression host: E. coli

Uniprot: AAH01116.1

Protein Information:

Molecular Mass: 23.5 kDa

AP Molecular Mass: 25 kDa

Tag: N-His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: Please contact us for more information.

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 PBS, 10% glycerol, pH 7.5

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: HTL-S-58j

Immunogen Information:

Sequence: Met 1-Lys 194

Background:

AK1 (Adenylate Kinase 1) is a Protein Coding gene. Diseases associated with AK1 include Adenylate Kinase Deficiency, Hemolytic Anemia Due To and Hemolytic Anemia. Among its related pathways are Metabolism and Pyrimidine metabolism (KEGG). Gene Ontology (GO) annotations related to this gene include kinase activity and adenylate kinase activity. An important paralog of this gene is AK5.