

ALK Protein, Human, Recombinant (F1174S, GST)

General Information

Protein Construction:	Recombinant human ALK (F1174S) (1060-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species:	Human
Expression Host:	Baculovirus-Insect Cells
Accession:	Q9UM73
Molecular Weight:	~90 kDa

QC Testing

Representative specific activity data for ALK were obtained using different assay formats:

- 50 nmol/min/mg, determined by radioactive kinase assay
- 18 nmol/min/mg, determined by ADP-Glo kinase assay, which is equivalent to 58 nmol/min/mg as measured by radioactive kinase assay.

Biological Activity:

Different lots may be tested using different assay methods; therefore, values obtained using different assay formats are not directly comparable.

Purity: >70% as determined by SDS-PAGE.

Formulation: Supplied as sterile 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25% glycerol.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Enzymes are highly recommended to be shipped at frozen temperature with dry ice. Shipment made at ambient temperature may seriously affect the activity of the ordered products.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481