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32-17824: Recombinant Human DDR1 Protein, His Tag

Uniprot ID : Q08345
Alternative Name : CAK, EDDR1, NEP, NTRK4, PTK3A, RTK6, TRKE, MCK-10, HGK2, CD167a

Description

Molecular Characterization: DDR1(Asp21-Thr416) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 44.8 kDa after removal of the signal peptide. The apparent molecular mass of DDR1-His is approximately 55-70 kDa due to glycosylation.
Description: Recombinant human DDR1 Protein with C-terminal 6Ã—His tag
Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.