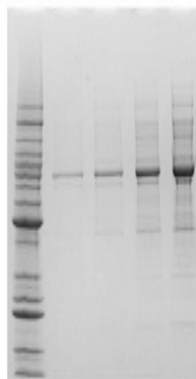


## BTK

### Recombinant Human BTK His Active

<b>Catalog No.</b>	CSI10281	<b>Quantity:</b>	10 µg
<b>Alternate Names:</b>	Bruton agammaglobulinemia tyrosine kinase, ATK, XLA		
<b>Description:</b>	<p>Recombinant full length Bruton tyrosine kinase protein.</p> <p>Bruton tyrosine kinase (BTK) is a cytoplasmic tyrosine kinase belonging to the SRC-related TEC subfamily of tyrosine kinases. Mutations in the BTK gene have been linked to severe developmental blocks in human B-cell ontogeny and immunodeficiency disorders.</p>		
<b>Concentration:</b>	0.35 mg/mL total protein as measured using the Bradford protein assay with BSA as a standard.		
<b>Gene ID:</b>	695		
<b>Source:</b>	Insect cells		
<b>Molecular Weight:</b>	81.3 kDa based on sequence		
<b>Formulation:</b>	Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.05% Triton X-100 + 4 mM DTT + 50% glycerol		
<b>Purity:</b>	≥75% as determined by SDS-PAGE		
<b>Specific Activity:</b>	418 nmole of phosphate transferred to poly [Glu,Tyr] 4:1 substrate per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 1 µg/ml.		
<b>Storage &amp; Stability:</b>	<p>Store at -80°C. At first use, aliquot and store at -80°C to <b>avoid multiple freeze-thaws</b>. If properly stored at -80°C, this product is guaranteed for 6 months from date of purchase. <b>This product is not stable at room temperature (30% activity loss is observed within 24 hours at room temperature).</b></p>		

SDS-PAGE. Lane 1: protein marker. Lanes 2-5: 0.5, 1.0, 2.0, and 5.0 µg BTK.



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

