

Active Recombinant Human HCK Protein, GST-His-tagged

Cat. No. HCK-4625H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HCK (NM_002110, 1 a.a. - 505 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
Description	The protein encoded by this gene is a protein-tyrosine kinase that is predominantly expressed in hemopoietic cell types. The encoded protein may help couple the Fc receptor to the activation of the respiratory burst. In addition, it may play a role in neutrophil migration and in the degranulation of neutrophils. Alternate translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different subcellular localization. [provided by RefSeq
Form	Liquid
Bio-activity	34 pmol/μg x min
Molecular Mass	86.707 kDa
Applications	Functional Study SDS-PAGE
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

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Concentration	0.143 µg/µL
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Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
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GENE INFORMATION

Gene Name	HCK hemopoietic cell kinase [Homo sapiens]
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Official Symbol	HCK
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Synonyms	HCK; hemopoietic cell kinase; tyrosine-protein kinase HCK; JTK9; p59-HCK/p60-HCK; hematopoietic cell kinase; p59Hck; p61Hck;
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Gene ID	3055
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mRNA Refseq	NM_001172129
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Protein Refseq	NP_001165600
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MIM	142370
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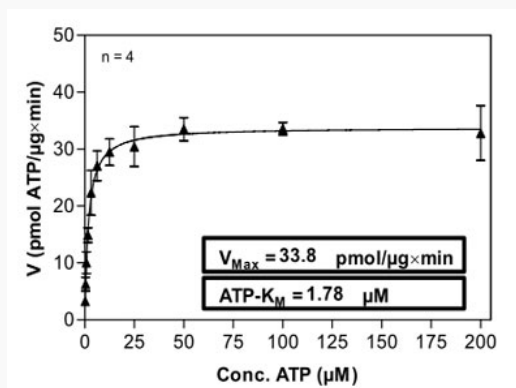
UniProt ID	P08631
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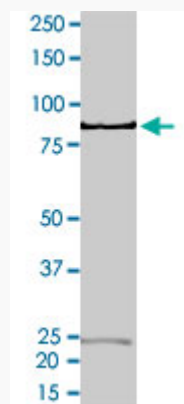
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Result of activity analysis



Quality Control Testing



2 μg/lane SDS-PAGE Stained with Coomassie Blue

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