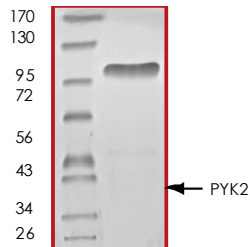


Product: PYK2, active
Catalog #: 02-2080
Amount: 5 µg

DESCRIPTION: PYK2 (also known as FAK2/RAFTK) is a member of the focal adhesion PTK family. PYK2/FAK2 can be activated by a variety of extracellular signals that elevate intracellular calcium concentration, and by stress signals (1). The gene accession number is [NM004103](#).
SOURCE: Gene Aliases: FAK2, PTK2B, CADTK, FADK2, CAKB, PKB, PTK, RAFTK
Recombinant human PYK2 (360-690) was expressed in Sf9 cells using an N-terminal GST tag
MOLECULAR WEIGHT: 39kDa
PURITY: > 90% (by densitometry)
FORM: Purified, in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol
CONCENTRATION: 0.1 mg/ml
SPECIFIC ACTIVITY: 254 nmol/mim/mg
STORAGE: -70°C (aliquot). AVOID repeated Freeze/thaw cycles

REFERENCE:

1. Avraham, H. et al: RAFTK/Pyk2-mediated cellular signalling. Cell Signal. 2000 Mar;12(3):123-33
2. Xiong, W C. et al: PYK2 and FAK in osteoclasts. Front Biosci. 2003 Sep 1;8:d1219-26



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