

Recombinant Human Fyn-1 Expressed in Human Cells

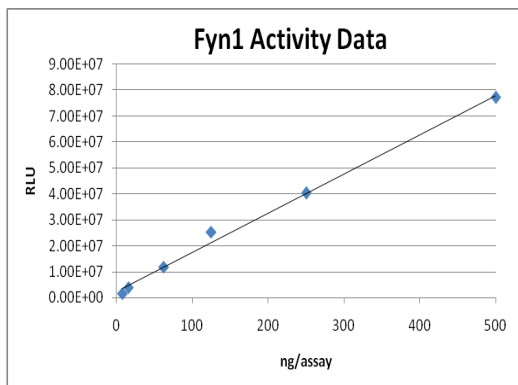
Fyn-1 *HumaXpress*
Cat #: HZ-2026 Lot #: CHI- 0607

Product Description: Recombinant human full length FYN-1 (Accession No: NM_53047) with an N-terminal GST-tag, expressed in engineered human cells.

Specific Activity: 443U/mg, where one unit of kinase activity is equivalent to 1nmole of ATP consumed in the presence of 250 μ M SRC substrate peptide (KVEKIGEGTYGVVYK-amide) per minute at 30°C with a final ATP concentration of 80 μ M.

Quality Control Testing

FYN-1 activity Assay: Fyn-1 was assayed with 250 μ M SRC substrate peptide. The Fyn-1 protein was incubated with substrate at 30°C for 10 minutes. Activity was measured and the luminescence signal was converted to ATP consumed in the reaction.



Purity Confirmation: Purity was assessed by SDS-PAGE and SimplyBlue SafeStaining using 500ng of Fyn-1 Kinase protein. Arrow indicates the GST-fused Fyn-1.

Formulation: 5 μ g of recombinant protein in 50 μ l of 50mM Tris, pH7.4, 150mM NaCl, 5mM DTT, 1mM PMSF. Frozen solution.

Storage and Stability: Stable for one year at -80°C from date of shipment (Avoid repeated freezing and thawing).

Reference

Cheng, H.C., et al., (1992) *J. Biol. Chem.* 267, 9248-9256

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