

Recombinant Human FAK protein, GST-tagged

Cat. No. FAK-301450H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAK (381-678 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile381-Arg678
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	ITAMAGSIYPGQASLLDQTDSWNHRPQEIAMWQPNVEDSTVLDLRGIGQVLPHTLM EERLIRQQQEMEEDQRWLEKEERFLKPDVRLSRGSIDREDGSLQGPIGNQHIYQPV GKPDPAAPPKKPPRPGAPGHLGSLASLSSPADSYNEGVLKPKQEISPPPTANLDRS NDKVYENV TGLVKAVIEMSSKIQPAPPEEYVPMVKEVGLALRTLLATVDETIPLLPAS THREIEMAQKLLNSDLGELINKMKLAQQYVMTSLQQEYKKQMLTAAHALAVDAKNLL DVIDQARLKMLGQTR
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Gene Name	PTK2 protein tyrosine kinase 2 [Homo sapiens (human)]
Official Symbol	FAK
Synonyms	PTK2; FADK; FAK1; FRNK; FADK 1; PPP1R71; p125FAK; pp125FAK
Gene ID	5747
mRNA Refseq	NM_001199649
Protein Refseq	NP_001186578
MIM	600758
UniProt ID	Q05397

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