

Recombinant Full Length Human Growth Hormone Receptor(Ghr) Protein, His-Tagged

Cat. No. RFL32525HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Growth hormone receptor(GHR) Protein (P10912) (19-638aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length of Mature Protein (19-638)

Form Lyophilized powder

AA Sequence

FSGSEATAAILS RAPWSLQSVNPGLKTNSSKEPKFTKCRSPERETF SCHWTDEVHH
 GTKNLGPIQLFYTRRNTQEW TQEWKECPDYVSAGENSCYFNSSFTSIWIPYCIKLTS
 NGGTVDEKCFVDEIVQDPPIALNW TLLNVSLTGIHADIQVRWEAPRNADIQKGWM
 VLEYELQYKEVNETKWKMMDPIL TTSVPVYSLKVDKEYEVRVRSKQRNSGNYGEFS
 EVLYVTLPQMSQFTCEEDFYFPW LLIIFGIFGLTVMLFVFLFSKQQRKMLILPPVPVP
 KIKGIDPDLLKEGKLEEVNTILAIH DSYKPEFHSDDSWVEFIELDIDEPDEKTEESDTD
 RLLSSDHEKSHSNLGVKDGDSGR TSCCEPDILETDFNANDIHEGTSEVAQPQLKG
 EADLLCLDQKNQNNSPYHDACPA TQQPSVIAEKNKPQLPTEGAESTHQAAHIQL
 SNPSSLSNIDFYAQVSDITPAGSV VLSPGQKNKAGMSQCDMHPPEMVSLCQENFLMD
 NAYFCEADAKKCIPVAPHIKVESH IQPSLNQEDIYITTESLTTAAGRPGTGEHVPGSE
 MPVPDYTSIHIVQSPQGLILNATA LPLPDKEFLSSCGYVSTDQLNKIMP

Purity Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	GHR
Synonyms	GH receptor; GH-binding protein; GHBP; GHBP, included; GHR; GHR_HUMAN; Growth hormone binding protein; Growth hormone receptor; Growth hormone receptor precursor; Growth hormone-binding protein; Growth hormone-binding protein, included; Increased responsi
UniProt ID	P10912

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