

Recombinant Human HGF Protein

Catalog Number: EXRP013



For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.

More information: marketing@exreprotein.com

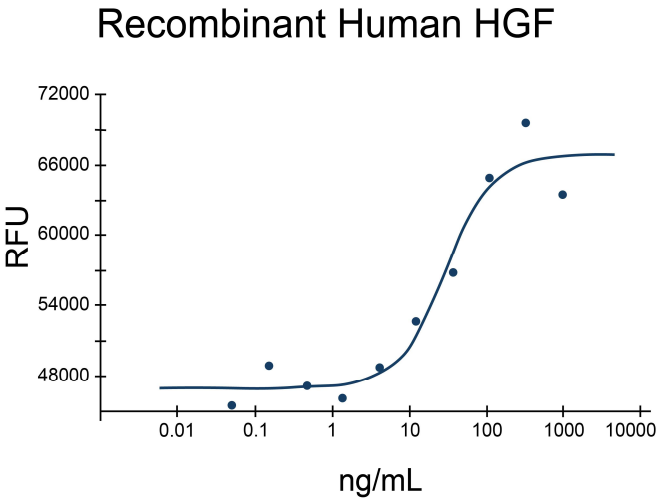
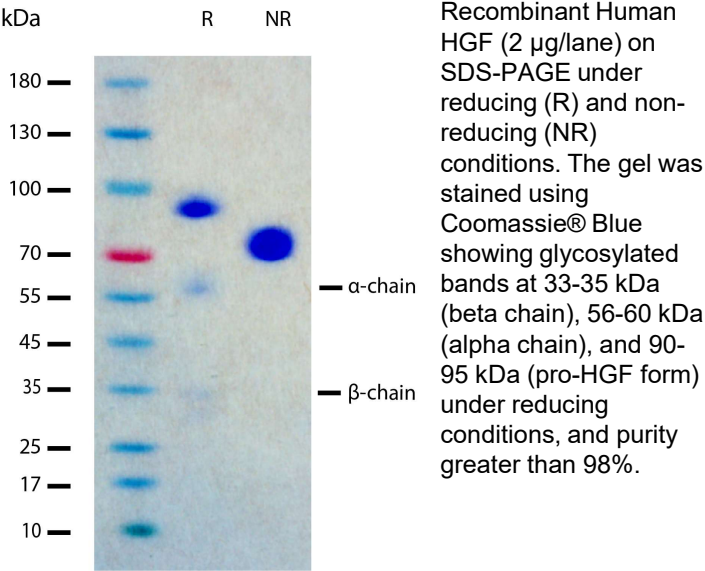
Product Details

Biological Activity	Determined by a cell proliferation assay using 4MBr-5 cells The ED ₅₀ for this effect is typically 20-50 ng/mL.
Purity	>98% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
Endotoxin	<0.005 EU per 1 µg of the protein as determined by the LAL method
Source	Expressed in HEK cells. Disulfide-linked heterodimer.
Accession Number	P14210
Sequence	Alpha chain: Lys34-Arg494 and Beta chain: Val495-Ser728 Alpha chain: KRRNTIHEFK KSAKTTLIKI DPALKIKTKK VNTADQCANR CTRNKGLPFT CKAFVFDKAR KQCLWFPPNS MSSGVKKEFG HEFDLYENKD YIRNCIIGKG RSYKGTVSIT KSGIKCQPWS SMIPHEHSFL PSSYRGKDLQ ENYCRNPRGE EGGPWCFTSN PEVRYEVCDI PQCSEVECMT CNGESYRGLM DHTESGKICQ RWDHQTPHRH KFLPERYPDK GFDDNYCRNP DGQPRPWCYT LDPHTRWEYC AIKTCADNTM NDTDVPLETT ECIQGQGEGY RGTVNTIWNG IPCQRWDSQY PHEHDMTPEN FKCKDLRENY CRNPDGSESP WCFTTDPNIR VGYCSQIPNC DMSHGQDCYR GNGKNYMGNL SQTRSGLTCS MWDKNMEDLH RHIFWEPDAS KLNENYCRNP DDDAHGPWCY TGNPLIPWDY CPISRCEGDT TPTIVNLDPH VISCAKTKQL R Beta Chain: VVNGIPTRTN IGWMVSLRYR NKHICGGS LI KESWVLTARQ CFPSRDLKDY EAWLGIHDVH GRGDEKCKQV LNVSQVLYGP EGSDLVLMKL ARPVLDDFV STIDLPNYGC TIPEKTSCSV YGWGYTG LIN YDGLLRVAHL YIMGNEKCSQ HHRGKVT LNE SEICAGA EKI GSGPCEGDY G GPLVCEQH KM RMVLGVIVPG RGCAIPNRPG IFVRVAYYAK WIIHKILTYK VPQS
Molecular Weight	53.4 kDa (alpha chain, predicted), 26 kDa (beta chain, predicted). The glycosylated 56-60 kDa (alpha chain) and 33-35 kDa (beta chain) were observed on SDS-PAGE gel stained using Coomassie® Blue under reducing conditions.
Formulation	Lyophilized from sterile PBS with Trehalose, pH 7.4

Storage and Preparation

Shipping	Shipped at ambient temperature.
Stability and Storage	12 months from date of receipt at -20°C to -70°C, lyophilized powder. 3 months at -20°C to -70°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS.

Data Images



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