

# Recombinant Full Length Human Herpesvirus 7 Envelope Glycoprotein B(Gb) Protein, His-Tagged

Cat. No. RFL2317HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human herpesvirus 7 Envelope glycoprotein B(gB) Protein (P52352) (23-822aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human herpesvirus 7
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (23-822aa)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	DFVMTGHNQHLPFRICSIATGTDLVRFDREVSCASYGSNIKTTEGILIIYKTKIEAHTFS VRTFKKELTFQTTYRDVGTVYFLDRTVTTLPMPIEEVHVMNTEARCLSSISVKRSEEE EYVAYHKDEYVNKTLDLIPLNFKSDTVRRYITTKPEFLRNGPLWFYSTSTSINCIVTDC IAKTKYPDFFFALSTGETVEGSPFYNGINSKTFNEPTEKILFRNNYTMLKTFDDGSKG NFVTLTKMAFLEKGNTIFSWEVQNEESSICLLKHWMTIPHALRAENANSFHFAQELT ASFVTGKSNYTLSDSKYNCINSNYTSILDEIYQTQYNNSHDKNGSYEIFKTEGDLILIW QPLIQRKLTVLENFSNASRKRKRELETNKDIVVYQLQYLYDTLKDYINTALGKLAEA WCLNQKRTITVLHELKISPSGIISAVYGKPMKSAKLIGDVLAVSKCIEVNQTSVQLHKS MRLTKDSSYDALRCYSRPLLTYSFANSSKETYLGQLGLDNEILLGNHRTEECEQSNT KIFLSGKFAHIFKDYTYVNSSLITEIEALDAFVDLNIDPLENADFTLLELYTKDELKANV FDLETILREYNSYKSALHHIETKIATVTPTYIGGIDTFFKGLGALGLGLGAVLGVTAGAL GDVNVGVFSFLKNPFGGALTILLTLGVIGLVIFLFLRHKRLAQTPIIDILFPYTSKSTNSV

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LQATQSVQAQVKEPLDSSPPYLKTNKDTEPQGDDITHTNEYSQVEALKMLKAIKLLD  
 ESYKKAIEIAEAKKSQRPSLLERIQYRGYQKLSTEEL Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

**Purity** Greater than 90% as determined by 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** gB

**Synonyms** gB; U39; Envelope glycoprotein B; gB

**UniProt ID** [P52352](https://www.uniprot.org/entry/P52352)

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