

## EGFR Protein, Human (sf9, His-GST)

<b>Cat. No.:</b>	HY-P72987
<b>Synonyms:</b>	Epidermal growth factor receptor; EGFR; ERBB; ERBB1; HER1
<b>Species:</b>	Human
<b>Source:</b>	Sf9 insect cells
<b>Accession:</b>	P00533 (M668-A1210)
<b>Gene ID:</b>	1956
<b>Molecular Weight:</b>	Approximately 89.1 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> M R R R H I V R K R   T L R R L L Q E R E   L V E P L T P S G E   A P N Q A L L R I L K E T E F K K I K V   L G S G A F G T V Y   K G L W I P E G E K   V K I P V A I K E L R E A T S P K A N K   E I L D E A Y V M A   S V D N P H V C R L   L G I C L T S T V Q L I T Q L M P F G C   L L D Y V R E H K D   N I G S Q Y L L N W   C V Q I A K G M N Y L E D R R L V H R D   L A A R N V L V K T   P Q H V K I T D F G   L A K L L G A E E K E Y H A E G G K V P   I K W M A L E S I L   H R I Y T H Q S D V   W S Y G V T V W E L M T F G S K P Y D G   I P A S E I S S I L   E K G E R L P Q P P   I C T I D V Y M I M V K C W M I D A D S   R P K F R E L I I E   F S K M A R D P Q R   Y L V I Q G D E R M H L P S P T D S N F   Y R A L M D E E D M   D D V V D A D E Y L   I P Q Q G F F S S P S T S R T P L L S S   L S A T S N N S T V   A C I D R N G L Q S   C P I K E D S F L Q R Y S S D P T G A L   T E D S I D D T F L   P V P E Y I N Q S V   P K R P A G S V Q N P V Y H N Q P L N P   A P S R D P H Y Q D   P H S T A V G N P E   Y L N T V Q P T C V N S T F D S P A H W   A Q K G S H Q I S L   D N P D Y Q Q D F F   P K E A K P N G I F K G S T A E N A E Y   L R V A P Q S S E F   I G A           </pre>
<b>Biological Activity</b>	Immobilized EGF Protein, Human, Recombinant (ECD, hFc Tag) at 2 µg/mL (100 µL/well) can bind EGFR Protein, Human, Recombinant (aa 668-1210, His & GST Tag) in functional ELISA.
<b>Appearance</b>	Solution.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	N/A
<b>Storage &amp; Stability</b>	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
<b>Shipping</b>	Shipping with dry ice.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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