

# EGFR/HER1

Catalog # PVGS1771

## Product Information

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<b>Primary Accession Species</b>	<a href="#">P00533-1</a> Human
<b>Sequence</b>	Leu25-Ser645
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per $\mu$ g by the LAL method.
<b>Biological Activity</b>	EGFR/HER1, His & Avi, Human (Cat.No.: Z03918) captured on CM5 Chip via Anti-His Antibody can bind Human EGF, No Tag in SPR assay (Biacore T200).
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	71.5 kDa
<b>Formulation Reconstitution</b>	Lyophilized from a 0.22 $\mu$ m filtered solution in PBS, pH 7.4 . It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH <sub>2</sub> O more than 100 $\mu$ g/ml.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

## Additional Information

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<b>Target Background</b>	The epidermal growth factor receptor is a transmembrane protein that is a receptor for members of the epidermal growth factor family of extracellular protein ligands. The epidermal growth factor receptor is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases: EGFR, HER2/neu, Her 3 and Her 4. Receptor tyrosine kinase binding ligands of the EGF family and activating several signaling cascades to convert extracellular cues into appropriate cellular responses.
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## Protein Information

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.