

For Research Use Only

# Recombinant Human EGFR protein (Myc Tag, His Tag)



Catalog Number: Eg0204

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: Myc Tag, His Tag
Technical Specifications	<p><b>Purity:</b> &gt;90 %, SDS-PAGE</p> <p><b>Endotoxin Level:</b> &lt;1.0 EU/μg protein, LAL method</p> <p><b>Source:</b> HEK293-derived Human EGFR protein Leu25 - Ser645 (Accession# P00533) with a Myc tag and a His tag at the C-terminus.</p> <p><b>GeneID:</b> 1956</p> <p><b>Accession:</b> P00533</p> <p><b>Predicted Molecular Mass:</b> 74.2 kDa</p> <p><b>SDS-PAGE:</b></p> <p><b>Formulation:</b> Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p><b>Storage:</b> It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"><li>• Until expiry date, -20°C to -80°C as lyophilized proteins.</li><li>• 3 months, -20°C to -80°C under sterile conditions after reconstitution.</li></ul> <p><b>Shipping:</b> The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>Epidermal growth factor receptor (EGFR, also known as ErbB1/HER1) is a cell-surface receptor tyrosine kinase that belongs to the ErbB family of receptors composed of four closely related members: EGFR (ErbB1/HER1), ErbB2 (HER2), ErbB3 (HER3) and ErbB4 (HER4). Under normal physiological conditions, EGFR is expressed in nearly all cell types and tissues, with the exception of hematopoietic lineage cells, and those in bone marrow, spleen, soft tissues, adrenal gland and specific brain tissues, where the EGFR protein is undetectable.</p>		
References	<ol style="list-style-type: none"><li>1. Wee, Ping, and Zhixiang Wang. Cancers vol. 9,5 52.</li><li>2. Hintzen, Gabriele et al. Frontiers in oncology vol. 12 892212.</li></ol>		
Synonyms	EGF R, EGF Receptor , Epidermal growth factor receptor, Proto-oncogene c-ErbB-1		

For technical support and original validation data for this product please contact

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