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## Product Datasheet

### Human EGFR protein

### BYT-ORB624107

Article Name	Human EGFR protein
Biozol Catalog Number	BYT-ORB624107
Supplier Catalog Number	orb624107
Alternative Catalog Number	BYT-ORB624107-1, BYT-ORB624107-100, BYT-ORB624107-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human EGFR protein spans the amino acid sequence from region 25-645aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	73.6 kDa
UniProt	<a href="#">P00533</a>
Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Source	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	LEEKKVCQGTSNKLQLGTFEDHFLSLQRMFNNCEVVLGNLEITYVQRNYDLS FLKTIQEAVGYVLIALNTVERIPLLENLQIIRGNMYYENSYALAVLSNYDANKTGL KELPMRNLQEILHGAVRFSNNPALCNVESIQWRDIVSSDFLSNMSMDFQNHL GSCQKCDPSCPNGSCWGAGEENCQKLTQIICAQQCSGRCRGKSPSDCCHNQ CAAGCTGPRESDCLVCRKFRDEATCKDTCPPMLYNPTTYQMDV

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized EGFR at 1  $\mu$ g/ml can bind Anti-EGFR recombinant antibody, the EC50 of human EGFR protein is 2.867-3.571 ng/ml. Application Notes: 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