9F, No. 108, Jhouzih St., Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

EGFR (T790M) (Human) Recombinant Protein

Catalog Number: P4821

Regulation Status: For research use only (RUO)

Product Description: Human EGFR (NM_005228.3, 672 a.a. - 1210 a.a.) T790M mutant partial protein expressed in Sf9 cells.

Host: insect

Theoretical MW (kDa): 89.20099999999979

Applications: Func, SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: Insect cell (Sf9) expression system

Purification: GST affinity chromatography

Concentration: 0.171 ug/uL

Activity: 136 pmol/ug x min

Storage Buffer: In 50 mM Hepes, 100 mM NaCl, pH 7.5 (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)

Storage Instruction: Store at -80°C.
Aliquot to avoid repeated freezing and thawing

Entrez GeneID: 1956

Gene Symbol: EGFR

Gene Alias: ERBB, ERBB1, HER1, PIG61, mENA

Gene Summary: The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. [provided by RefSeq]