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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EGFR (Human) Recombinant Protein

Catalog Number: P10555

Regulation Status: For research use only (RUO)

Product Description: Human EGFR partial recombinant protein with His tag at the C-terminus expressed in CHO cells.

Sequence:

MRPSGTAGAALLALLAALCPASRALEEKKVCQGTSNK
LTQLGTFEDHFLSLQRMFNCEVVLGNLEITYVQRNY
DLSFLKTIQEVAGYVLIALNTVERIPLNLQIRGNMYYE
NSYALAVLSNYDANKTGLKELPMRNLQEILHGAVRFSN
NPALCNVESIQWRDIVSSDFLSNMSMDFQNHGSCQK
CDPSCPNGSCWGAGEENCQKLTKIICAQCSGRCRG
KSPSDCCHNQCAAGCTGPRESCLVCRKFRDEATCK
DTCPLMLYNPTTYQMDVNPEGKYSFGATCVKKCPR
NYVVTDHGSCVRACGADSYEMEEDGVRKCKKCEGP
CRKVCNGIGIGEFKDSLSINATNIKHFNCTSIGDLHIL
PVAFRGDSFTHPLDLPQELDILKTVKEITGFLLIQAWP
ENRTDLHAFENLEIRGRTKQHGGQFSLAVVSLNITSLGL
RSLKEISDGDVIISGNKNLCYANTINWKKLFGTSGQKTK
IISNRGENSCKATGQVCHALCSPEGCWGPEPRDCVS
CRNVSRGRECVDKCNLLEGEPREFVENSECIQCHPEC
LPQAMNITCTGRGPDNCIQCAHYIDGPHCVKTCPAGV
MGENNTLVWKYADAGHVCHLCHPNCTYGCTGPGLE
GCPTNGPKIPS

Host: Mammals

Theoretical MW (kDa): 69.42

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

Form: Lyophilized

Preparation Method: Mammalian cell (CHO)
expression system

Purification: Ni-NTA chromatography

Purity: > 95% as determined by SDS-PAGE.

Endotoxin Level: < 0.1 EU/ ug of protein by the LAL

method.

Recommend Usage: SDS-PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: Lyophilized from a 0.2 um filtered
solution of PBS, pH 7.4.

Storage Instruction: Store at -20°C for 12 months in
lyophilized state.

After reconstitution with deionized water, store at -20 or
-80°C for 1 month.

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]