

Datasheet for ABIN7314300

EGFR Protein (AA 25-30, AA 298-645) (His tag)



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Overview

Quantity:	50 µg
Target:	EGFR
Protein Characteristics:	AA 25-30, AA 298-645
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGFR protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human EGFR Protein is produced by mammalian expression system and the target gene encoding Leu25-Val30Gly, Asn298-Ser645 is expressed with a 6His tag at the C-terminus.
Sequence:	LEEEKGNYVV TDHGSCVRAC GADSYEMEED GVRKCKKCEG PCRKVCNGIG IGEFKDSL SI NATNIKHFKN CTSISGDLHI LPVAFRGDSF THTPPLDPQE LDILKTVKEI TGFLLIQAWP ENRTDLHAFE NLEIIRGR TK QHGQFSLAVV SLNITSLGLR SLKEISDGDV IISGNKNLCY ANTINWKKLF GTSGQKTKII SNRGENSCKA TGQVCHALCS PEGCWGPEPR DCVSCRNVSR GRECVDKCNL LEGEPREFVE NSECIQCHPE CLPQAMNITC TGRGPDNCIQ CAHYIDGPHC VKTCPAGVMG ENNTLVWKYA DAGHVCHLCH PNCTYGCTGP GLEGCP TNGP KIPSVDH HHH HH
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Target Details

Target:	EGFR
Alternative Name:	EGFR (EGFR Products)
Gene ID:	1956
UniProt:	P00533
Pathways:	NF-kappaB Signaling , RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Stem Cell Maintenance , Hepatitis C , Positive Regulation of Response to DNA Damage Stimulus , Interaction of EGFR with phospholipase C-gamma , Thromboxane A2 Receptor Signaling , EGFR Downregulation , S100 Proteins

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.