

Datasheet for ABIN4371629
EGFR Protein (AA 25-378, Mutant) (Fc Tag)



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Overview

Quantity:	50 µg
Target:	EGFR
Protein Characteristics:	AA 25-378, Mutant
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGFR protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Epidermal Growth Factor Receptor (V30G, Del31-297)/ErbB1/HER1 (C-Fc)
Sequence:	LEEKKGNYVV TDHGSCVRAC GADSYEMEED GVRKCKKCEG PCRKVCNGIG IGEFKDSLSI NATNIKHFKN CTSISGDLHI LPVAFRGDSF THTPPLDPQE LDILKTVKEI TGFLLIQAWP ENRTDLHAFE NLEIIRGRTK QHGQFSLAVV SLNITSLGLR SLKEISDGDV IISGNKNLCY ANTINWKKLF GTSGQKTKII SNRGENSCKA TGQVCHALCS PEGCWGPEPR DCVSCRNVSR GRECVDKCNL LEGEPREFVE NSECIQCHPE CLPQAMNITC TGRGPDNCIQ CAHYIDGPHC VKTCPAGVMG ENNTLVWKYA DAGHVCHLCH PNCTYGCTGP GLEGCPNTGP KIPSVDDIEG RMDEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLPSREEMTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMEAL HNHYTQKSLS LSPGK
Characteristics:	Recombinant Human Epidermal growth factor receptor mutant is produced with a mammalian

Product Details

	expression system in human cells. The target protein is expressed with sequence (Leu25-Ser378) of Human EGFR mutant fused with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	EGFR
Alternative Name:	Epidermal Growth Factor Receptor (EGFR Products)
Molecular Weight:	65.8 kDa
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

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	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.
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.
Storage:	4 °C/-20 °C/-80 °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 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.