

RPA757Hu01 50µg

Recombinant Epidermal Growth Factor Receptor (EGFR)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Lys713~Asp984

Tags: N-terminal His Tag

Subcellular Location: Membrane, Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.7

Predicted Molecular Mass: 37.6kDa

Accurate Molecular Mass: 37kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

	KKIKVLGS	GAFGTVYKGL	WIPEGEKVKI	PVAIKELREA
TSPKANKEIL	DEAYVMASVD	NPHVCRLLGI	CLTSTVQLIT	QLMPFGCLLD
YVREHKDNIG	SOYLLNWCVQ	IAKGMNYLED	RRLVHRDLAA	RNVLVKTPQH
VKITDFGLAK	LLGAEKEYH	AEGGKVPIKW	MALESILHRI	YTHQSDVWSY
GVTWELMTF	GSKPYDGIPA	SEISSILEKG	ERLPQPPICT	IDVYMIMVKC
WMIDADSRPK	FRELIIEFSK	MARDPQRYLV	IQGD	

[IDENTIFICATION]

A A A A A G A T C A A A G T G C T G G G C T C G G T G G G T T G G C A C G T G T A T A G G G C T C T G G A T C C A G A G S T G A A A G T T A A A A T T C G G T G C T A T C A G G A T T A G A G A G C A C A T C T C G G A A G C C A A C A G G A A T C T C G A T G A G G C T A G T A T G G C A G G T G G A C C C A C G T G T G C C G C T G C T G G G C A T C G C C
 K K I K V L G S G A F G T V Y K G L W I P E G E K V K I P V A I K E L R E A T S P K A N K E I L D E A Y V M A S V D N P H V C R I L L G I C L

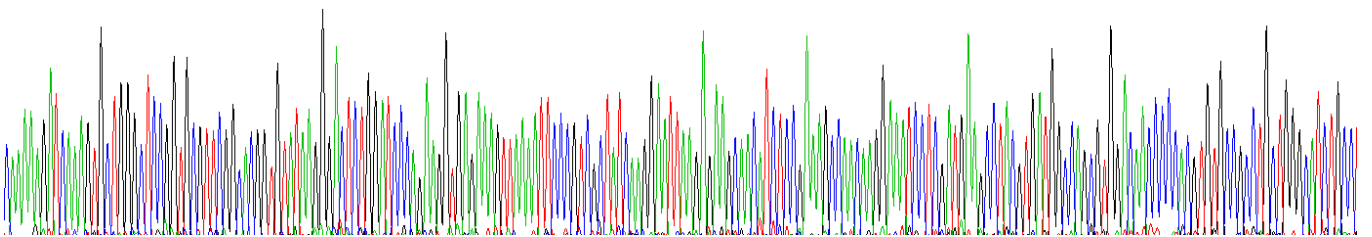
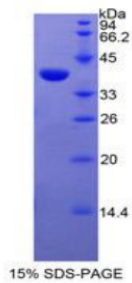


Figure. Gene Sequencing (Extract)



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.