

Recombinant 5-Hydroxytryptamine Receptor 1A (HTR1A) Instruction Manual

SIPC380Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	66.5kDa
Accurate Molecular Mass	70kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Gln422 with His and TRxA Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	9.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MDVLSPGQGN NTTSPAPFE TGGNTTGISD VTVSYQVITS LLLGTLIFCA
VLGNACVVAA IALERSLQNV ANYLIGSLAV TDLMVSVLVL PMAALYQVLN
KWTLGQVTCDFIALDVLCC TSSILHLCAI ALDRYWAITD PIDYVNRKTP
RRAAALISLT WLGFLISIP PMLGWRTPE RSDPDACTIS KDHGTYIYST
FGAFYIPLLL MLVLYGRIFR AARFRIRKTV KKVEKTGADT RHGASPAPQP
KKSVMGESGS RNWRLGVESK AGGALCANGA VRQGDDGAAL EVIEVHRVGN
SKEHLPLPSE AGPTPCAPAS FERKNERNAE AKRKMALARE RKTVKTLGII
MGTFILCWLP FFIIVALVLPF CESSCHMPTL LGAIINWLGYSNSLLNPVIY
AYFNKDFQNA FKKIIKCKFC RQ
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

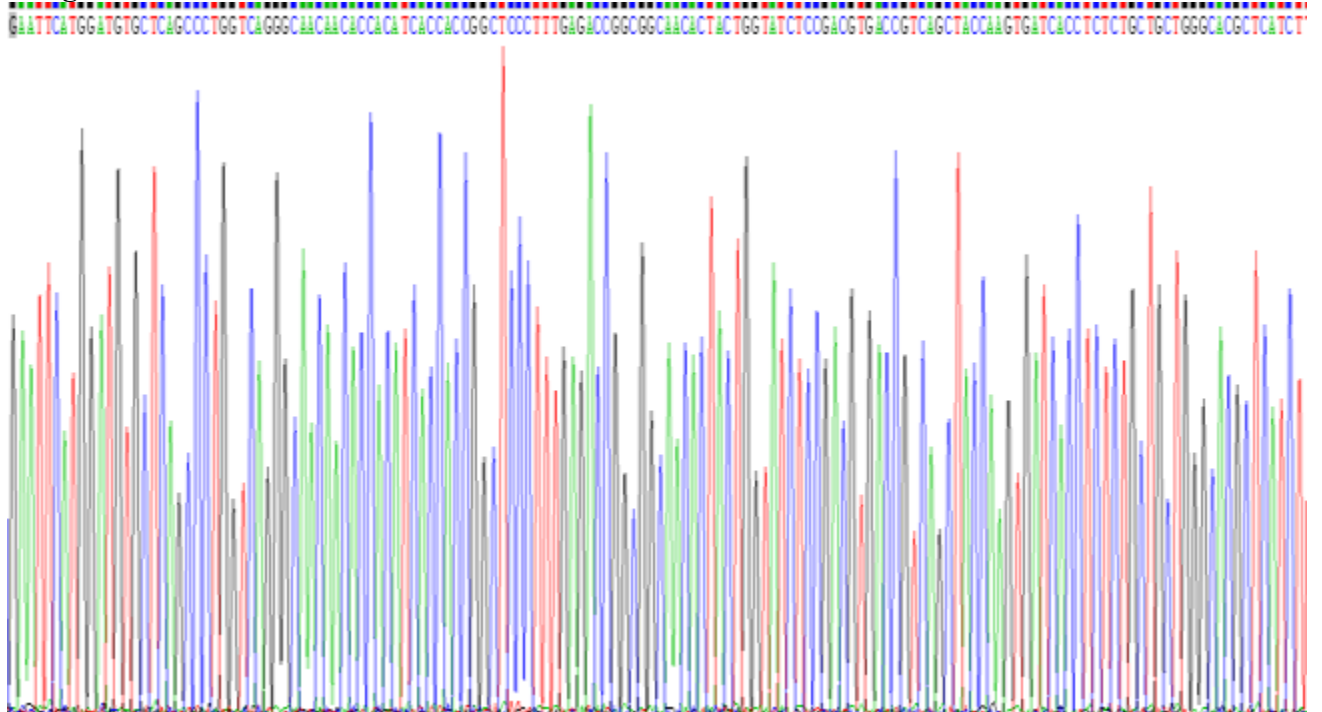


Figure. SDS-PAGE

[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.