

# Recombinant Fucosyltransferase 6 (FUT6) Instruction Manual

SIPF702Hu01

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg
<b>Subcellular Location</b>	Membrane, Golgi apparatus
<b>Predicted Molecular Mass</b>	41.6kDa
<b>Accurate Molecular Mass</b>	40kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Arg35~Thr359 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	9.0
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
                                RVSQDD PTVYPNGSRF
PDSTGTPAHS IPLILLWTWP FNKPIALPRC SEMVPGTADC NITADRKVYP
QADAVIVHHR EVMYNPSAQL PRSPRRQGQR WIWFSMESPS HCWQLKAMDG
YFNLTMSYRS DSDIFTPYGW LEPWSGQPAH PPLNLSAKTE LVAWAVSNWG
PNSARVRYIQ SLQAHLKVDV YGRSHKPLPQ GTMMETLSRY KFYLAFENSL
HPDYITEKLW RNALEAWAVP VVLGPSRSNY ERFLPPDAFI HVDDFQSPKD
LARYLQELDK DHARYLSYFR WRETLRPRSF SWALAFCKAC WKLQEESRYQ
TRGIAAWFT
```

## USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.  
Do not vortex.

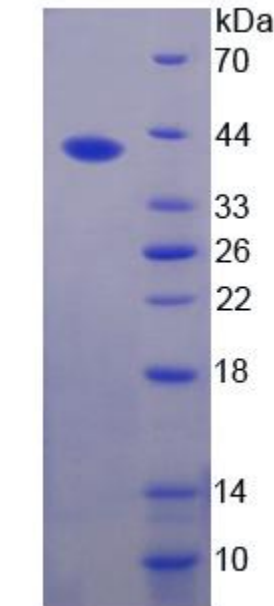
## STORAGE

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



15% SDS-PAGE

SDS-PAGE Image

## **[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.