

Recombinant Transient Receptor Potential Cation Channel Subfamily M, Member 4 (TRPM4) Instruction Manual

SIPF895Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	47.5kDa
Accurate Molecular Mass	52kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Leu400 with N-terminal His 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	> 90%
Isoelectric Point	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
MVGQEKEQSW IPKIFRKKVC TTFIVDLHDD AGGTLQCQGQ PRDAHPSVAV  
EDAFGAAVVT EWNSDEHTTE KPTDAYGDLD FTYSGRKSSN FLRLSDRTDP  
ATVYSLVTRS WGFAPNLVV SVLGGSEGPV LQTLQDLLR RGLVRAAQST  
GAWIVTGGLH TGIGRHVGVA VRDHTASTG GSKVVAMGVA PWGVVRNRDM  
LINPKGSFPA RYRWRGDPED GVEFPLDYNV SAFFLVDDGT YGRMGGENRF  
RLRFESYVAQ QKTGVGGTGI DIPVLLLLLIE GDEKMLKRIE DATQAQLPCL  
LVAGSGGAAD CLVETLEDTL APGSGGLRRG EARDRIRRYF PKGDPEVLQA  
QVERIMTRKE LLTVYSSEEDG SEEFETIVLR ALVKACGSSE ASAYLDELRL
```

USAGE

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.