

RPB752Hu01 50µg

Recombinant Major Histocompatibility Complex Class I E (MHCE)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Gly22~Leu358

Tags: N-terminal His-Tag

Tissue Specificity: Liver.

Subcellular Location: Membrane; Single-pass type I membrane protein.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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: 5.8

Predicted Molecular Mass: 41.5kDa

Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

		GSHSLKYFH	TSVSRPGRGE	PRFISVGYVD
DTQFVRFDND	AASPRMVPR	PWMEQEGSEY	WDRETRSARD	TAQIFRVNLR
TLRGYYNQSE	AGSHTLQWMH	GCELGPDRRF	LRGYEQFAYD	GKDYLTLNED
LRSWTAVDTA	AQISEQKSND	ASEAEHQRAY	LEDTCVEWLH	KYLEKGKETL
LHLEPPKTHV	THHPISDHEA	TLRCWALGFY	PAEITLTWQQ	DGEGHTQDTE
LVETRPAGDG	TFQKWA	PSGEEQRYTC	HVQHEGLPEP	VTLRWKPASQ
PTIPIVGIIA	GLVLLGSVVS	GAVVA	KKSSGGKGS	YSKAEWSDSA
QGSESHSL				

[IDENTIFICATION]

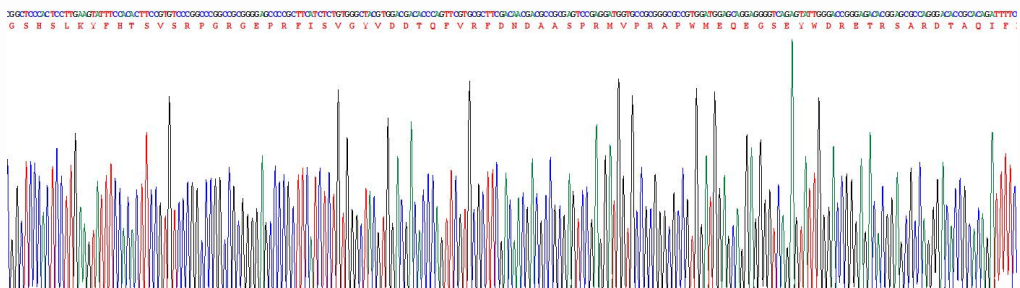


Figure 1. Gene Sequencing (Extract)

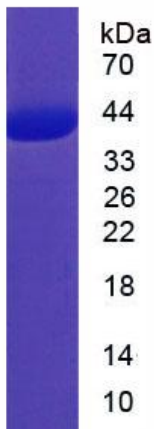


Figure 2. SDS-PAGE