Recombinant Human IER2 Protein, His-tagged

Cat. No. IER2-2269H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IER2 Protein (Met1-Phe223) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Phe223
Description	Predicted to enable DNA binding activity. Involved in cell motility and positive regulation of transcription by RNA polymerase II. Located in cytoplasm and nucleoplasm.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.9 kDa Accurate Molecular Mass: 26 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	IER2 immediate early response 2 [Homo sapiens (human)]
Official Symbol	IER2
Synonyms	IER2; immediate early response 2; immediate early response gene 2 protein; ETR101; MGC15265; MGC111472;
Gene ID	9592
mRNA Refseq	NM_004907
Protein Refseq	NP_004898
UniProt ID	Q9BTL4

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