

Recombinant Pig MSH2 Protein, His-tagged

Cat. No. MSH2-1138P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig MSH2 Protein (Asn535-Thr934) with His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Asn535-Thr934
Description	Component of the post-replicative DNA mismatch repair system (MMR).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.7 kDa; Accurate Molecular Mass: 48/16 kDa
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 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

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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 MSH2 mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli) [Sus scrofa]

Official Symbol MSH2

Synonyms MSH2; mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli); DNA mismatch repair protein Msh2; MutS-like protein 2;

Gene ID 100337661

mRNA Refseq NM_001195357

Protein Refseq NP_001182286

UniProt ID D3K5K3

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