Recombinant Human DSP Protein, His-tagged

Cat. No. DSP-401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSP(Phe2609~Ala2822) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe2609~Ala2822
Description	This gene encodes a protein that anchors intermediate filaments to desmosomal plaques and forms an obligate component of functional desmosomes. Mutations in this gene are the cause of several cardiomyopathies and keratodermas, including skin fragility-woolly hair syndrome. Alternative splicing results in multiple transcript variants.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	27.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

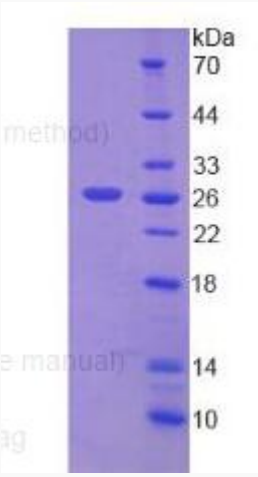
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. 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 store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	DSP desmoplakin [Homo sapiens]
Official Symbol	DSP
Synonyms	DSP; desmoplakin; desmoplakin (DPI, DPII); DPI; DPII; KPPS2; PPKS2; desmoplakin I; desmoplakin II; 250/210 kDa paraneoplastic pemphigus antigen; DP;
Gene ID	1832
mRNA Refseq	NM_001008844
Protein Refseq	NP_001008844
MIM	125647
UniProt ID	P15924

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