Recombinant Human DSP Protein (78-300 aa), His-tagged

Cat. No. DSP-1381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSP Protein (78-300 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	78-300 aa
Description	Major high molecular weight protein of desmosomes. Involved in the organization of the desmosomal cadherin-plakoglobin complexes into discrete plasma membrane domains and in the anchoring of intermediate filaments to the desmosomes.
Form	Tris-based buffer,50% glycerol
Molecular Mass	28.1 kDa
AA Sequence	CSDCLMRAELIVQPELKYGDGIQLTRSRELDECFAQANDQMEILDSLIREMRQMGQP CDAYQKRLLQLQEQMRALYKAISVPRVRRASSKGGGGYTCQSGSGWDEFTKHVTS ECLGWMRQQRAEMDMVAWGVDLASVEQHINSHRGIHNSIGDYRWQLDKIKADLRE KSAIYQLEEEYENLLKASFERMDHLRQLQNIIQATSREIMWINDCEEEELLYDWSD
Purity	> 90% as determined by SDS-PAGE.

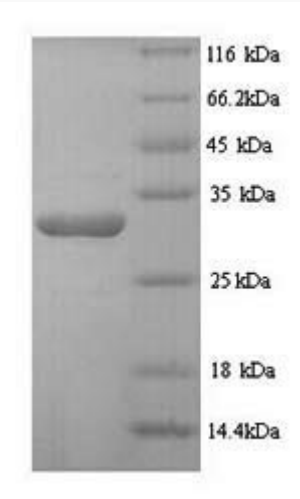
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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	DSP desmoplakin [Homo sapiens]
Official Symbol	DSP
Synonyms	DSP; desmoplakin; DPI; DPII; KPPS2; PPKS2; desmoplakin I; DP;
Gene ID	1832
mRNA Refseq	NM_001008844
Protein Refseq	NP_001008844
MIM	125647
UniProt ID	P15924

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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