

Dystonin (DST) Recombinant Protein | DST recombinant protein

Recombinant Human Dystonin (DST), partial

CATALOG #
AAA116148

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

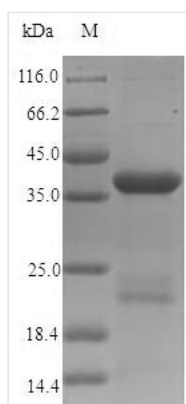
PRODUCT SYNONYMS

Dystonin (DST); Recombinant Human Dystonin (DST); partial; 230 kDa bullous pemphigoid antigen230/240 kDa bullous pemphigoid antigen; Bullous pemphigoid antigen 1; BPA; Bullous pemphigoid antigen; Dystonia musculorum protein; Hemidesmosomal plaque protein; DST recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-195aa; Partial of Isoform 3
Sequence	MHSSYSYRS SDSVFSNTTS TRTSLDSNEN LLLVHCGPTL INSCISFGSE SFDGHRLEML QQIANRVQRD SVICEDKLIL AGNALQSDSK RLESGVQFQN EAEIAGYILE CENLLRQHVI DVQILIDGKY YQADQLVQRV AKLRDEIMAL RNECSSVYSK GRILTTEQTK LMISGITQSL NSGFAQTLHP SLTSG
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeasthost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DST recombinant protein	Cytoskeletal linker protein. Acts as an integrator of intermediate filaments, actin and microtubule cytoskeleton networks. Required for anchoring either intermediate filaments to the actin cytoskeleton in neural and muscle cells or keratin-containing intermediate filaments to hidesmosomes in epithelial cells. The proteins may self-aggregate to form filaments or a two-dimensional mesh. Isoform 3: plays a structural role in the assembly of hidesmosomes of epithelial cells; anchors keratin-containing intermediate filaments to the inner plaque of hidesmosomes. Required for the regulation of keratinocyte polarity and motility; mediates integrin ITGB4 regulation of RAC1 activity. Isoform 6: required for bundling actin filaments around the nucleus. Isoform 7: regulates the organization and stability of the microtubule network of sensory neurons to allow axonal transport.
Product Categories/Family for DST recombinant protein	Signal Transduction

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	221316618
NCBI GeneID	667
NCBI Accession #	NP_001138241.1
NCBI GenBank Nucleotide #	NM_001144769.2
UniProt Accession #	Q03001; O94833; Q12825; Q13266; Q13267; Q13775; Q5TBT0; Q5TBT2; Q5TF23; Q5TF24; Q8N1T8; B7Z3H1
Molecular Weight	23.7 kDa
NCBI Official Full Name	dystonin isoform 2
NCBI Official Synonym Full Names	dystonin
NCBI Official Symbol	DST
NCBI Official Synonym Symbols	DT; BPA; DMH; BP240; BPAG1; EBSB2; HSAN6; MACF2; CATX15; CATX-15; D6S1101
NCBI Protein Information	dystonin
UniProt Protein Name	Dystonin
UniProt Gene Name	DST
UniProt Synonym Gene Names	BP230; BP240; BPAG1; DMH; DT; KIAA0728; BPA; Bullous pemphigoid antigen
UniProt Entry Name	DYST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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