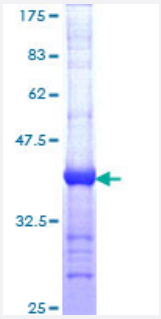
DST (Human) Recombinant Protein (Q01)

Catalog # H00000667-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DST partial ORF (NP_899236, 401 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EDKLILAGNALQSDSKRLESGVQFQNEAEIAGYILECENLLRQHVIDVQILIDGKYYQADQLVQRVAKLRDEIMALRNECSSVYSKGRILTTEQTKLMIS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DST

Entrez GeneID	667
GeneBank Accession#	NM_183380
Protein Accession#	NP_899236
Gene Name	DST
Gene Alias	BP240, BPA, BPAG1, CATX-15, D6S1101, DKFZp564B2416, DMH, DT, FLJ46791, KIAA0465, KIAA1470, MACF2
Gene Description	dystonin
Omim ID	113810
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the plakin protein family of adhesion junction plaque proteins. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the full-length nature of some variants has not been defined. It has been known that some isoforms are expressed in neural and muscle tissue, anchoring neural intermediate filaments to the actin cytoskeleton, and some isoforms are expressed in epithelial tissue, anchoring keratin-containing intermediate filaments to hemidesmosomes. Consistent with the expression, mice defective for this gene show skin blistering and neurodegeneration. [provided by RefSeq
Other Designations	OTTHUMP00000016657|OTTHUMP00000040015|bullous pemphigoid antigen 1, 230/240kDa|dystonia musculorum of mouse, human homolog of|hemidesmosomal plaque protein

Disease

- Tobacco Use Disorder