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Product datasheet for AR51939PU-N

UBE2G2 (1-165, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UBE2G2 (1-165, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAGTALK RLMAEYKQLT LNPPEGIVAG PMNEENFFEW EALIMGPEDT CFEFGVFPAI LSFPLDYPLS PPKMRFTCEM FHPNIYPDGR VCISILHAPG DDPMGYESSA ERWSPVQSVE KILLSVVSML AEPNDESGAN VDASKMWRDD REQFYKIAKQ IVQKSLGL
Tag:	His-tag
Predicted MW:	21 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2G2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001189418
Locus ID:	7327
UniProt ID:	P60604
Cytogenetics:	21q22.3
Synonyms:	Ubiquitin-conjugating enzyme E2 G2, Ubiquitin-protein ligase G2, Ubiquitin carrier protein G2

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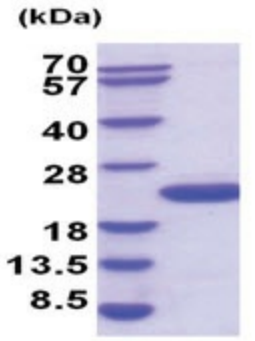
Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein shares 100% sequence identity with the mouse counterpart. This gene is ubiquitously expressed, with high expression seen in adult muscle. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jan 2011]

Protein Families: Druggable Genome

Protein Pathways: Parkinson's disease, Ubiquitin mediated proteolysis

Product images:



15% SDS-PAGE (3ug)