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Product datasheet for SA6047X

UBE2G1 Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UBE2G1 human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAASRRLMKE LEEIRKCGMK NFRNIQVDEA NLLTWQGLIV PDNPPYDKGA FRIEINFPAE YPFKPPKITF KTKIYHPNID EKGQVCLPVI SAENWKPATK TDQVIQSLIA LVNDPQPEHP LRADLAEEYS KDRKKFCKNA EEFTKKYGEK RPVD
Predicted MW:	17.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid protein Buffer System: 50 mM HEPES (pH 7.5) 150 mM NaCl, 1 mM DTT, 10% glycerol
Preparation:	Liquid protein
Protein Description:	UbcH7 (154amino acid) was over-expressed in E. coli and purified by using conventional chromatography techniques.
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_003333
Locus ID:	7326
UniProt ID:	P62253
Cytogenetics:	17p13.2
Synonyms:	E217K; UBC7; UBE2G

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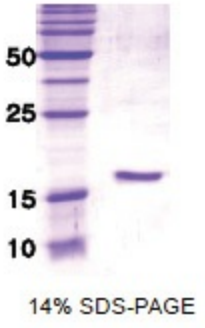
Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. [provided by RefSeq, Jul 2008]

Protein Pathways: Parkinson's disease, Ubiquitin mediated proteolysis

Product images:



14% SDS-PAGE