UBE2G2 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	UBE2G2, Lysate
Full Product Name	Human UBE2G2 Protein Lysate
Product Gene Name	UBE2G2 lysate
Product Synonym Names	UBE2G2; UBC7; UBC7
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C This protein lysate can be reconsituted using SDS Sample Buffer. Once reconsituted, aliquot and store any remaining material at -20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	15,614 Da
Species	Human
Related Product Information for UBE2G2 lysate	Human UBE2G2 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells.
Other Notes	Small volumes of UBE2G2 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UBE2G2 purchase	MBS8429426 is a lysate targeting UBE2G2. Also known as Human UBE2G2 Protein Lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2G2. It may not necessarily be applicable to this product.

NCBI GI #	33359701
NCBI GeneID	7327
NCBI Accession #	NP_872630
UniProt Secondary Accession #	P56554; A6NMQ7; A8K3L4; D3DSL7
UniProt Related Accession #	P60604
GenBank Nucleotide #	NM_182688
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 G2 isoform 2
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2G 2
NCBI Official Symbol	UBE2G2
NCBI Official Synonym Symbols	UBC7
Protein Family	Ubiquitin-conjugating enzyme
NCBI Protein Information	ubiquitin-conjugating enzyme E2 G2

NCBI Summary for UBE2G2	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]
Research Articles on UBE2G2	**1.** These results reveal an unanticipated mode of Ube2g2 self-association that allows Ube2g2 to effectively engage two ubiquitins to specifically synthesize Lys48-linked ubiquitin chains.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/lysate/ube2g2/8429426