# SYK Lysate – Tissue Lysate

## PRODUCT OVERVIEW

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| **Product Name** | SYK, Lysate |
| **Full Product Name** | Human SYK Protein Lysate |
| **Product Gene Name** | SYK lysate |
| **Product Synonym Names** | SYK; p72-Syk; p72-Syk |
| **Form/Format** | Lyophilized |
| **Preparation and Storage** | Store at -20 degree C<br>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** | 72kDa |
| **3D Structure** | ModBase 3D Structure for P43405 |
| **Species** | Human |
| **Related Product Information for SYK lysate** | Human SYK Protein Lysate 20ug is provided as a Lyophilized powder.<br>This is a Recombinant Protein Lysate produced in HEK293T cells. |
| **Other Notes** | Small volumes of SYK 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 SYK purchase** | MBS8428123 is a lysate targeting SYK. Also known as Human SYK Protein Lysate. |

## ADDITIONAL DETAILS

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

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| **NCBI GI #** | 21361553 |
| **NCBI GeneID** | 6850 |
| **NCBI Accession #** | NP_003168 |
| **UniProt Primary Accession #** | P43405 |
| **UniProt Related Accession #** | P43405 |
| **GenBank Nucleotide #** | NM_003177 |
| **NCBI Official Full Name** | tyrosine-protein kinase SYK isoform Syk(L) |
| **NCBI Official Synonym Full Names** | spleen associated tyrosine kinase |
| **NCBI Official Symbol** | SYK |
| **NCBI Official Synonym Symbols** | p72-Syk |
| **Protein Family** | Tyrosine-protein kinase |
| **NCBI Protein Information** | tyrosine-protein kinase SYK |

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| **NCBI Summary for SYK** | This gene encodes a member of the family of non-receptor type Tyr protein kinases. This protein is widely expressed in hematopoietic cells and is involved in coupling activated immunoreceptors to downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. It is thought to be a modulator of epithelial cell growth and a potential tumour suppressor in human breast carcinomas. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010] |
| **Research Articles on SYK** | **1.** High SYK expression is associated with glioma. |
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