

# Product Datasheet

## Human Skeletal Muscle Whole Tissue Lysate (Adult Whole Normal)

**NB820-59253**

Unit Size: 1 mg

Store at -80C. Avoid freeze-thaw cycles.

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**NB820-59253**

Human Skeletal Muscle Whole Tissue Lysate (Adult Whole Normal)

Product Information	
Unit Size	1 mg
Concentration	5.0 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Buffer	HEPES (pH 7.9), MgCl <sub>2</sub> , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors

Product Description	
Species	Human
Specificity/Sensitivity	Total Protein - Human Adult Normal Tissue: Skeletal Muscle
Lysate Type	Tissue
Lysate Tissue	Skeletal Muscle
Lysate Tissue Condition	Normal
Lysate Life Stage	Adult
Lysate Protein State	Native
Lysate Subcellular Fraction	Whole

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 10 ug - 20 ug
Application Notes	Western Blot, Immunoprecipitation, Electrophoresis, Enzymatic activity analysis, Protein-protein interaction, Tissue specific expression

**Publications**

Duka T, Collins Z, Anderson SM et al. Divergent lactate dehydrogenase isoenzyme profile in cellular compartments of primate forebrain structures Molecular and Cellular Neuroscience 2017-07-01 [PMID: 28461219]

Hartmannova H, Piherova L, Tauchmannova K et al. Acadian variant of Fanconi syndrome is caused by mitochondrial respiratory chain complex I deficiency due to a non-coding mutation in complex I assembly factor NDUFAF6. Hum Mol Genet. 2016-06-11 [PMID: 27466185] (WB)

Dube S, Yalamanchili S, Lachant J et al. Expression of Tropomyosin 2 Gene Isoforms in Human Cardiac Tissue. Oncol Rep 2016-04-26 [PMID: 27108600]





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### **Products Related to NB820-59253**

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NBP2-77813	Skeletal Muscle Tissue Slides (Adult Normal)- Paraffin
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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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