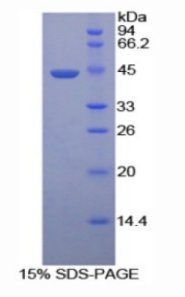
Mouse Hyaluronidase-2 (HYAL2) Protein

Catalogue No.:abx067147



SDS-PAGE analysis of recombinant Mouse HYAL2 Protein.

Mouse Hyaluronidase-2 (HYAL2) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: abx102759

Target:	Hyaluronidase-2 (HYAL2)
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 97%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O35632 (UniProt, ExPASy)

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Gene Symbol:	HYAL2
GeneID:	15587
KEGG:	mmu:15587
String:	10090.ENSMUSP00000010191
Molecular Weight:	Calculated MW: 49.9 kDa Observed MW: 43 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Leu23-Gly447
Sequence:	LKPTAPPI FTGRPFVVAW NVPTQECAPR HKVPLDLRAF DVKATPNEGF FNQNITTFYY DRLGLYPRFD AAGTSVHGGV PQNGSLCAHL PMLKESVERY IQTQEPGGLA VIDWEEWRPV WVRNWQEKDV YRQSSRQLVA SRHPDWPSDR VMKQAQYEFE FAARQFMLNT LRYVKAVRPQ HLWGFYLFPD CYNHDYVQNW ESYTGRCPDV EVARNDQLAW LWAESTALFP SVYLDETLAS SVHSRNFVSF RVREALRVAH THHANHALPV YVFTRPTYTR GLTGLSQVDL ISTIGESAAL GSAGVIFWGD SEDASSMETC QYLKNYLTQL LVPYIVNVSW ATQYCSWTQC HGHGRCVRRN PSANTFLHLN ASSFRLVPGH TPSEPQLRPE GQLSEADLNY LQKHFRCQCY LGWGGEQCQR NYKGAAG
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl.
Concentration:	Prior to lyophilization: 200 μg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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