

Product datasheet

Liver Arginase peptide **ab217538**

1 Image

Description

Product name	Liver Arginase peptide
Purity	> 90 % n/a.
Accession	<u>P05089</u>
Animal free	No
Nature	Synthetic

Specifications

Our **Abpromise guarantee** covers the use of **ab217538** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Blocking - Blocking peptide for Anti-Liver Arginase antibody [EPR6672(B)] (<u>ab133543</u>)
Form	Lyophilized
Additional notes	<p>Reconstitution instructions:</p> <ul style="list-style-type: none"> - First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions. - If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer. - Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent. - Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised. - Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

Preparation and Storage





Stability and Storage	<p>Shipped at 4°C. Store at -20°C.</p> <p>Information available upon request.</p>
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General Info

Pathway	Nitrogen metabolism; urea cycle; L-ornithine and urea from L-arginine: step 1/1.
Involvement in disease	Defects in ARG1 are the cause of argininemia (ARGIN) [MIM:207800]; also known as hyperargininemia. Argininemia is a rare autosomal recessive disorder of the urea cycle. Arginine is elevated in the blood and cerebrospinal fluid, and periodic hyperammonemia occurs. Clinical manifestations include developmental delay, seizures, mental retardation, hypotonia, ataxia, progressive spastic quadriplegia.
Sequence similarities	Belongs to the arginase family.
Cellular localization	Cytoplasm.

Images

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Liver Arginase peptide (ab217538)

To learn more about our protein and peptide range click [here](#).

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