



Product Datasheet

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Recombinant Horse IgE Fc (His tagged)

Cat No: Pr00345-40.5

Product Summary

Description: Recombinant Horse immunoglobulin E (allotype A) heavy chain constant region (IgE Fc) (His tagged), manufactured using [AbAb's Recombinant Platform](#)

Protein: Horse IgE Fc domain (Allotype A; His tagged)

Structure / Form: Disulfide-linked homodimer

Species: Horse

Construct Design Note(s): Horse IgE Fc domain (Allotype A; His tagged)

Host: HEK293

Alternative Description: immunoglobulin epsilon heavy chain constant region; immunoglobulin E fragment crystallizable region; IgE-Fc; equine IgE Fc

Application(s): Recommended as: a control for Horse chimeric IgE Fc-fusion protein activity assay; an immunogen to generate antibodies against the Horse IgE-Fc domain or other Horse IgE-Fc domain applications.

Product Form

Purification: Purified by affinity chromatography.

Supplied in: PBS

Endotoxin: 0.251 EU/mg as determined by LAL chromogenic endotoxin assay

Shipping: The product is shipped on blue ice. Upon receipt, store it immediately at the temperature recommended.

Storage Recommendation: Recommended storage at 4°C for up to 1 month. For longer term storage store at -20°C or -80°C in appropriate sized aliquots.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals

IgE Fc sequence (monomer)

ACIVTFTPPTVKLFHSSCDPGGDSHTTIQLLCLISDYTPGDIDIVWLIDGQKVDEQFPQHGLVKQEG
KLAsthSELNITQGQWASENTYTCQVTYKDMIFKDQARKCTESDPRGVSVYLSPPSPLDLYVSKS
PKITCLVVDLANVQGLSLNWSRESGEPLQKHTLATSEQFNKTFSTSTLPVDTTDWIEGETYKCTV
SHPDLPREVVRSAKAPGKRLSPEVYVFLPPEEDQSSKDKVTLTCLIQNFFPADISVQWLRNNVLI
QTDQQATTRPQKANGPNPAFFVFSRLEVSRAEWEQKNKFACKVVHEALSQRTLQKEVSKDPGH
HHHHH

Calculated Molecular weight (dimer): 74898.44 Da

Extinction coefficient: 111130 M⁻¹ cm⁻¹ (calculation performed as in Pace et al, 1995)

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