

Recombinant Gallus gallus Vitellogenin-2

Catalog No: #AP72314



Package Size: #AP72314-1 20ug #AP72314-2 100ug #AP72314-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Gallus gallus Vitellogenin-2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-653aaSequence Info:Partial
Other Names	Major vitellogeninVitellogenin II
Accession No.	P02845
Uniprot	P02845
GenelD	424533;
Calculated MW	74.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	<p> SRRSYLYNYEGSMLNGLQDRSLGKAGVRLSSKLEISGLPENAYLLKVRSPQVEEYNGVWPRDPFTRSSKITQ VISSCFTRLFKFEYSSGRIGNIYAPEDCPDLCVNIVRGILNMFQMTIKKSQNVYELQEAGIGGICHARYVIQEDRK NSRIYVTRTVDLNNCQEKVQKSIGMAYIYPCVDVMKERLTGTTAFSYKLGKQSDSGTLITDVSSRQVYQISPF NEPTGVAVMEARQQLTLVEVRSERGSAPDVPMQNYGSLRYRFPVLPQMPLQLIKTKNPEQRIVETLQHIVLN NQQDFHDDVSYRFLEVVLQCRANADNLESIWVQVSDKPRYRRWLLSAVSASGTTETLTKFLKNRIRNDDLNYI QTLTSLTLHLLQADEHTLPIAADLMTSSRIQKNPVLQQVACLGYSSVNVNRYCSQTSACPKEALQPIHDLADE AISRGREDKMKLALKCIGNMGEPASLKRILKFLPISSSSAADIPVHIQIDAITALKKIAWKDPKTVQGYLIQILADQS LPPEVRMMACAVIFETR PALALITTIANVAMKESNMQVASFVYSHMKLSKSR LPFMYNISSACNIALKLLSPKL DSMSYRYSKVIRADTYFDNYRVGATGEIFVNS </p>
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p>

Background

Precursor of the major egg-yolk proteins that are sources of nutrients during early development of oviparous organisms.Phosvitin is believed to be of importance in sequestering calcium, iron and other cations for the developing bryo.

References

Nucleotide sequence of a chicken vitellogenin gene and derived amino acid sequence of the encoded yolk precursor protein.van Het Schip A.D., Samallo J., Broos J., Ophuis J., Mojet M., Gruber M., Ab G.J. Mol. Biol. 196:245-260(1987)Research Topic:Signal Transduction

Note: This product is for in vitro research use only