Gastrokine 2 (GKN2) ELISA Kit for Fish

PRODUCT OVERVIEW

Product Name	Gastrokine 2 (GKN2), ELISA Kit
Full Product Name	Fish Gastrokine 2 ELISA Kit
Product Gene Name	GKN2 elisa kit
Species Reactivity	Fish
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	20,487 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (69172364..69180102, complement). Location: 2p13.3
3D Structure	ModBase 3D Structure for Q86XP6
Related Product Information for GKN2 elisa kit	MBS039780 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Gastrokine 2 (GKN2) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing GKN2. The ELISA analytical biochemical technique of the MBS039780 kit is based on GKN2 antibody-GKN2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect GKN2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, GKN2. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of GKN2 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GKN2. It may not necessarily be applicable to this product.

NCBI GI #	59858535
NCBI GeneID	200504
NCBI Accession #	NP_872342.2
UniProt Primary Accession #	Q86XP6
UniProt Secondary Accession #	Q6UWS6
UniProt Related Accession #	Q86XP6
GenBank Nucleotide #	NM_182536.2
NCBI Official Full Name	gastrokine-2
NCBI Official Synonym Full Names	gastrokine 2
NCBI Official Symbol	GKN2
NCBI Official Synonym Symbols	GDDR; TFIZ1; PRO813; BRICD1B; VLTI465
UniProt Protein Name	Gastrokine-2
UniProt Synonym Protein Names	Blottin; Down-regulated in gastric cancer; Trefoil factor interactions(z) 1

Protein Family	Gastrokine
UniProt Gene Name	GKN2
UniProt Synonym Gene Names	BLOT; GDDR; TFIZ1
UniProt Entry Name	GKN2_HUMAN
NCBI Protein Information	gastrokine-2; blottin; BRICHOS domain containing 1B; trefoil factor interactions(z) 1; down regulated in gastric cancer GDDR; down-regulated in gastric cancer GDDR
UniProt Comments for GKN2	GKN2: Interacts with TFF2. Heterodimer with TFF1; disulfide linked. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 2p13.3 Cellular Component: extracellular region
Research Articles on GKN2	**1.** gastrointestinal tract specific gene GDDR might inhibit gastric cancer growth in a TFF1 dependent manner
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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