



Human SULF2 blocking peptide (CDBP2867)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SULF2 antibody
Antigen Description	Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF2, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules (Dai et al., 2005 [PubMed 16192265]).[supplied by OMIM, Mar 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SULF2 sulfatase 2 [Homo sapiens]
Official Symbol	SULF2
Synonyms	SULF2; sulfatase 2; extracellular sulfatase Sulf-2; HSULF 2; KIAA1247; SULF 2; HSULF-2; FLJ44488; FLJ90554; MGC126411; DKFZp313E091;
Entrez Gene ID	55959

mRNA Refseq	<u>NM_001161841</u>
Protein Refseq	<u>NP_001155313</u>
UniProt ID	Q8IWU5
Chromosome Location	20q13.12-q13.13
Function	N-acetylglucosamine-6-sulfatase activity; N-acetylglucosamine-6-sulfatase activity; arylsulfatase activity; arylsulfatase activity; calcium ion binding; hydrolase activity;